

# 2010-2016 Statewide Capital Improvement Plan

Capital Planning Advisory Board  
of the Kentucky General Assembly

November 2009



# **Capital Planning Advisory Board**

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of the Kentucky General Assembly**

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**Legislative Research Commission**  
Frankfort, Kentucky  
[lrc.ky.gov](http://lrc.ky.gov)

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# Summary



## 2010-2016 Statewide Capital Improvement Plan



## Summary

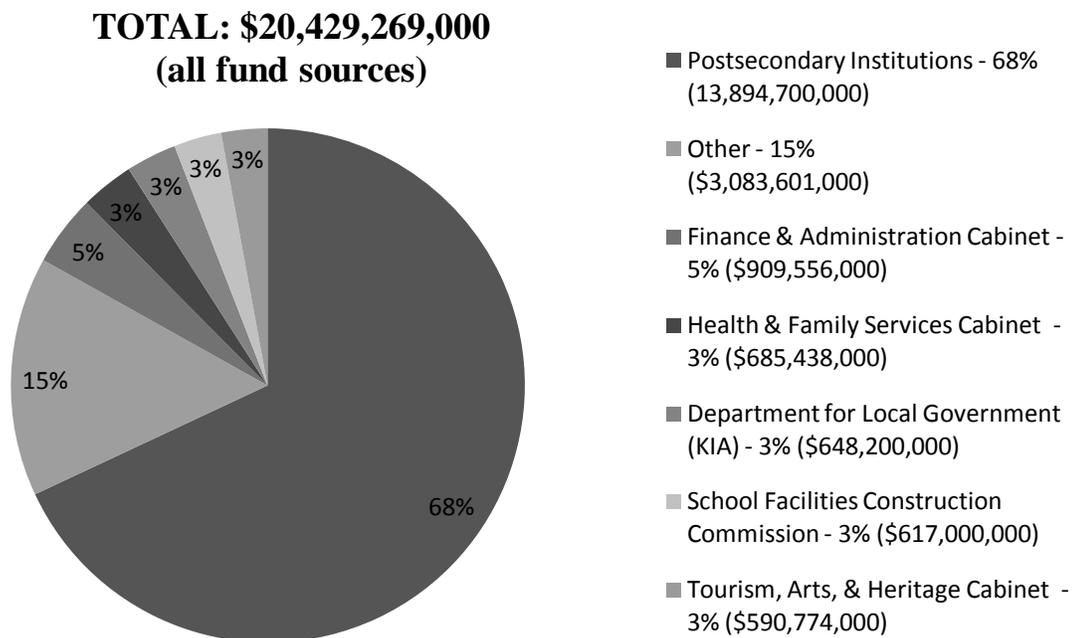
The Capital Planning Advisory Board's *2010-2016 Statewide Capital Improvement Plan* focuses on providing the facilities, technology, and equipment that will allow state services to be provided to the citizens of the Commonwealth in an efficient and effective manner. To meet these objectives, the plan contains a series of policy and project recommendations. Some of the policy recommendations propose legislative actions, while others could be implemented at the agency level.

The state is currently responsible for managing or administering approximately 77 million square feet of space with a value of more than \$5 billion. These facilities are an important tool for the delivery of the services that citizens need and desire. They include office buildings, hospitals, classrooms and other educational facilities, penal institutions, juvenile detention and treatment centers, and park lodges and other recreational/conference facilities.

The 2010-2016 capital plans submitted by the state agencies and postsecondary institutions, including the Administrative Office of the Courts, reported the need for projects totaling approximately \$5.5 billion from all fund sources to protect the state's existing investment in its physical plant over the next six years. Nearly one-half of that total (\$2.2 billion) is reported to be needed in the 2010-2012 biennium.

For the six-year period, the plans also reflect the need for approximately \$11.4 billion for other construction projects such as new facilities and expansions; \$1.85 billion for equipment and technology systems; and \$1.6 billion for the grant and loan programs that provide assistance to nonstate entities for water and sewer infrastructure, schools, and economic development.

The following chart reflects the project needs by area of government.



The board and the six-year capital planning process were established by the 1990 General Assembly and codified as KRS Chapter 7A. The 16-member board has appointees from each of the three branches of state government. It is to create a six-year comprehensive statewide capital improvement plan, encompassing all state agencies and postsecondary institutions, to be submitted to the heads of the three branches—the governor, the chief justice, and the Legislative Research Commission (LRC)—by November 1 of each odd-numbered year. This enables the comprehensive capital plan to be used in the subsequent budget process and legislative session.

The 2010-2016 capital planning process began with the board’s September 2008 approval of guidelines for submission of the agency plans. The plans were required to include information about the agency’s mission and programs, information about the facilities and space that the agency manages or occupies, information about projects that were recently completed or are currently underway, and information about projects that are proposed to be undertaken during the upcoming six years.

The plans were submitted on April 15, 2009, using a Web-based system developed by the LRC Office of Computing and Information Technology. Review of the plans and development of this statewide plan by the board occurred over the course of multiple meetings from May through October. At these meetings, the board received testimony from the state agencies and postsecondary institutions concerning the projects reflected in their plans. The board also received a report on a recently completed study of the condition and needs of the state’s postsecondary education facilities, a staff update on Kentucky’s bonded indebtedness, and reports and recommendations from the Council on Postsecondary Education and the Commonwealth Office of Technology.

Consistent with prior plans, the board’s 2010-2016 plan continues to reflect its belief that the Commonwealth must be a good steward of the funds provided by the taxpayers and of the assets that have been acquired with those funds. To that end, policy recommendations address the following:

- State Agency Maintenance Pools
- Study of Kentucky’s Debt Policies and Practices
- Budget Reserve Trust Fund
- Alternatives to Incarceration

Details of these recommendations and background information for each are included on pages 1-8 of this report.

The 2010-2016 plan also includes recommendations for funding and project authorizations that the board believes should be included in the state’s 2010-2012 capital budget. Specifically recommended are projects that would be financed from the General Fund (cash or bonds). The project recommendations are included on pages 11-30 of this report.

# Policy Recommendations



2010-2016

## Statewide Capital Improvement Plan

- State Agency Maintenance Pools
- Study of Kentucky's Debt Policies and Practices
- Budget Reserve Trust Fund
- Alternatives to Incarceration



## Policy Recommendation State Agency Maintenance Pools

The board recommends that in each biennium all funds available from Capital Construction Investment Income be appropriated for the agency miscellaneous maintenance pools. To ensure sufficient funding for these pools, additional amounts including state bond funds should be appropriated, as needed, to supplement the Investment Income. Bond funds or other sources should not be used to replace Investment Income for these pools, which allow agencies to address maintenance projects in order to protect taxpayer investment in the state's physical plant.

Miscellaneous maintenance pools appropriated to the various state agencies are used primarily for both planned and unanticipated projects (maintenance, minor construction, etc.) costing less than the threshold requiring line-item authorization in the biennial budget bill (currently \$600,000). Over the last five biennia, funding for these pools has been as follows:

	(\$ million)		
Biennium	Cash	Bonds	Total
2000-02	\$28.8	\$0	\$28.8
2002-04	25.4	0	25.4
2004-06	17.7	13.2	30.9
2006-08	19.6	10.0	29.6
2008-10	16.2	14.0	30.2

The Capital Planning Advisory Board has long identified adequate amounts for agency miscellaneous maintenance pools as a top priority for funding in the biennial budget. It has been noted that these relatively small expenditures can keep small items from escalating into major maintenance or renovation needs.

As a long-standing executive and legislative policy, Capital Construction Investment Income has been the principal source of state funding used to support agency maintenance pools. Investment Income is cash from interest earned on the investment of moneys appropriated to capital construction accounts, trust and agency accounts, and trust and agency revolving accounts that are not otherwise dedicated.

The total maintenance pool funding has remained essentially the same over the past three biennia (approximately \$30 million each biennium) despite significant increases in construction costs over the same period.

In a major departure from past practice, the 2004-2006 and 2006-2008 budgets authorized some of the agency maintenance pools to be partially or completely funded through the issuance of General Fund-supported bonds. This fund source substitution allowed some of the Investment Income—a cash funding source—to be appropriated for other items in the state budget. The 2008-2010 budget continued this practice of completely or partially bond funding agency maintenance pools. Because this long-term financing was used, the budgets also directed that main-

tenance pool funds be used for projects costing more than the line-item authorization threshold. Such projects must be reported to the Legislative Research Commission Capital Projects and Bond Oversight Committee.

## **Policy Recommendation**

### **Study of Kentucky's Debt Policies and Practices**

The board recommends that the 2010 General Assembly establish a task force composed of representatives of the executive and legislative branches to review Kentucky's debt issuance processes and approaches to debt capacity. Subjects to be addressed by the task force should include the approach used to determine the amount of debt that should be issued by the Commonwealth, the type of projects for which debt is the appropriate funding mechanism, the structuring of guidelines for debt including appropriate terms and covenants, and the alternatives to address the capital needs of the postsecondary institutions.

#### **Background**

**Debt Capacity Task Force.** In 1988, the General Assembly enacted House Joint Resolution 57 that established a task force "to study and recommend a state debt capacity model and debt limits." Members of the task force included officials of both the executive and legislative branches. Various recommendations of the task force were enacted into statute including 1) requirements for the additional reporting of debt indicators in the annual state debt report and the executive branch budget recommendations and 2) establishment of a Capital Planning Advisory Board to provide an assessment of capital needs in order to evaluate the needs for debt issuance. The task force also discussed setting limits on the amount of state appropriation-supported debt that can be issued.

**Six Percent Guideline.** In developing the biennial state budget, the executive and legislative branches attempt to adhere to a guideline calling for debt service on appropriation-supported debt to be no more than 6 percent of total General Fund, Road Fund, and Restricted Fund revenues. While the rating agencies tend to consider other measures of the state's debt levels such as the ratio of debt to personal income and debt per capita, there is also an expectation that Kentucky will stay within the 6 percent level.

**Expansion of Bond-financed Projects.** In recent years, the state has been authorized to use state debt to finance an expanding range of projects beyond building state facilities and road construction, which have been the items traditionally funded from this source. This expansion has included funding for information technology equipment and systems and funding for economic development initiatives. In both instances, the lifecycle or benefits derived from the items funded may not be as long as the commitment to the bonds issued to finance them. Other expansions in the use of bond funding include financing for local government projects and funding for agency miscellaneous maintenance pools traditionally used for small construction or repair projects.

**Funding Commitments Not Involving the Issuance of State Bonds.** In recent years, the state has increased its authorization of projects not funded through the traditional issuance of state bonds but for which it makes long-term funding commitments. These include energy savings performance contracts and significant capital programs to construct court facilities.

**Postsecondary Education Debt.** Because agency bonds and agency revenues are factored into the 6 percent debt calculation, the effect has been that these agency bonds compete for authorization with proposed General Fund- and Road Fund-supported debt. This has resulted in the institutions seeking alternative, off-budget approaches to debt issuance such as third-party financing.

In recent sessions of the General Assembly, legislation has been introduced that would provide a process for postsecondary institutions to issue bonds upon General Assembly authorization. The proposed legislation also stated that postsecondary institution debt and revenues would not be considered in the calculation of the state's debt capacity. Consequently, under this legislation, new debt for postsecondary institutions would not be competing for authorization against proposed General Fund- and Road Fund-supported debt.

### **Rationale**

The state's debt policies and debt capacity methodology have not been reviewed systematically by the executive and legislative branches in more than 20 years.

Since the last review, numerous factors relative to Kentucky's issuance of debt have changed (e.g., volume of debt, type of projects). The state's debt management has also changed and now involves innovative structures such as interim financing and derivatives.

Criteria used by the rating agencies have evolved since the last review. For example, other than bonded indebtedness, there is an increased emphasis in the rating process on a state's long-term commitments such as pension obligations and the state's liquidity position.

There is also an increased emphasis on financial management. Standard and Poor's has noted in its most recent review of Kentucky's issuer credit rating that Kentucky had created formal policies for estimating revenues, but not for debt management.

## Policy Recommendation Budget Reserve Trust Fund

The board recommends that the Governor and General Assembly place a high priority on fully funding the Budget Reserve Trust Fund at a level that represents 5 percent of General Fund revenues.

The Capital Planning Advisory Board has consistently recommended that the Budget Reserve Trust Fund be adequately funded in accordance with the provisions of KRS 48.705.

The Budget Reserve Trust Fund was formally established by House Bill 2, as enacted by the 1995 Special Session of the General Assembly and codified as KRS 48.705. It provides for the Budget Reserve Trust Fund to be financed through direct appropriations, surplus revenue receipts in the General Fund, and certain unexpended appropriations in order to maintain a balance equal to 5 percent of General Fund receipts.

National agencies that rate state bonds have indicated that the existence of a reserve fund in an amount equal to 3 percent to 5 percent of revenues demonstrates a best effort to prepare a state for fiscal uncertainties. Kentucky’s commitment to funding for the Budget Reserve Trust Fund was a factor in rating upgrades and the state’s strong credit rating in the late 1990s.

The following chart shows balances in the Budget Reserve Trust Fund at the end of each biennium since 1996.

<b>Biennium</b>	<b>Balance</b>	<b>As % of Revenues</b>
1994-1996	\$200,000,000	3.8
1996-1998	200,000,000	3.4
1998-2000	239,300,000	3.8
2000-2002*	0	0.0
2002-2004	50,800,000	0.7
2004-2006	119,000,000	1.4
2006-2008	231,500,000	2.6
2008-2010	0	0.0

\*At the beginning of the 2000-2002 biennium, the Budget Reserve Trust Fund had a balance of \$278.6 million, representing 4.1 percent of General Fund revenues - the first time the Budget Reserve Trust Fund had exceeded 4 percent. However, the Budget Reserve Trust Fund was used to address revenue shortfalls leaving a zero balance by the end of Fiscal Budget 2000-2002.

The 2008-10 biennium began with a balance of \$214.7 million. An additional \$11.3 million was added from the FY 2008 surplus, bringing the total to \$226 million. The Budget Reserve Trust Fund was used to help meet budgetary shortfalls in FY 2009 and necessary governmental expenses in FY 2010. The current balance of the Budget Reserve Trust Fund is zero.



## **Policy Recommendation Alternatives to Incarceration**

The board recognizes and commends the actions of the executive, legislative, and judicial branches to provide alternatives to incarceration and to reduce recidivism. The board recommends continuing of efforts to identify, fund, and implement alternatives to incarceration that will continue to provide for the public safety and the rights of victims, reduce the prison population, and relieve the pressure to either build state facilities or enter into third-party arrangements through the private sector.

### **Background**

Through the Department of Corrections, Kentucky currently owns and manages 13 state correctional facilities with an operational capacity of 12,156 adult felons and contracts with three privately owned facilities that house 1,602 adult felons. The department is also responsible for state felons in county jails and halfway houses. As of September 2009, these facilities housed 21,441 felons.

<b>Type of Facility</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>
State Institutions	10,864	691	11,555
Private Prisons	1,084	428	1,512
Halfway Houses	727	190	917
Local Jails	<u>6,526</u>	<u>931</u>	<u>7,457</u>
<b>Total</b>	<b>19,201</b>	<b>2,240</b>	<b>21,441</b>

In preparing its 2010-2016 capital plan, the department cited its primary goals as providing adequate capacity and addressing aging facility infrastructure to improve efficiency and reduce annual costs. According to the most recent projections, as calculated by a third-party contractor, Kentucky's inmate population will be approximately 27,026 by the end of fiscal year 2016.

In August 2009, the Secretary of the Justice and Public Safety Cabinet testified to the Capital Planning Advisory Board that between 70 percent and 80 percent of the state's felon population is incarcerated for reasons indirectly related to substance abuse.

The Secretary noted that less expensive alternatives to incarceration are available and include increasing the use of home incarceration, increasing the number of community corrections centers, and increasing the use of Recovery Kentucky Drug Treatment Centers. In addition, Senate Bill 4 from the 2009 Regular Session attempts to address the problem of drug abuse prior to incarceration. This, plus recommendations being discussed by the Criminal Justice Council, may provide long-term solutions that may be effective in years to come.

## **Rationale**

Noting that the state does not have the financial resources to construct additional prison facilities, board members recognized the importance of identifying and addressing the underlying causes of the increase in the state's prison population.

This recommendation is consistent with the last eight capital plans in which the board has made recommendations relative to the need to address the projected prison population growth rate.

# Project Recommendations



## 2010-2016 Statewide Capital Improvement Plan

- Projects To Be Financed From State Funds
- Projects To Be Financed From Other Than State Funds



## **Project Recommendation Projects To Be Financed From State Funds**

### **Recommendation**

The Capital Planning Advisory Board believes that good stewardship of assets acquired with revenues from the taxpayers requires that those assets owned by the Commonwealth be adequately maintained in order to continue providing services to the citizens of Kentucky. Adequately maintaining those residential facilities that house the state's most vulnerable citizens such as hospitals and treatment facilities, is particularly important.

The board recognizes that many other needed and worthwhile projects have been proposed by the state agencies and postsecondary institutions. However, the following recommendations reflect the desire to emphasize the priority the board believes should be placed on appropriately maintaining existing facilities and equipment.

In making its project recommendations, the board has traditionally emphasized that, as a planning body, its focus should be on the priority and need to be addressed rather than on the specific details of each project such as cost. The recommendation for projects to be financed with state funds in the 2010-2012 capital budget continues that approach.

### **Statutory Capital Funding Pools/Programs**

The board recommends that funds be appropriated to each of the three pools established in KRS Chapter 45 to address capital project needs throughout state government. The amount recommended is consistent with the Finance and Administration request of \$12,500,000 for the FY 2010-2012 biennium. The balance in each pool is currently very low. The pools are

- the Capital Construction and Equipment Purchase Contingency Account, which is used primarily to address cost overruns on authorized projects;
- the Emergency Repair, Maintenance, and Replacement Fund, which is used to address unanticipated projects needed to prevent or minimize injury or damage; and
- the Statewide Deferred Maintenance Fund, which is a supplemental funding source to address deferred maintenance or government mandate needs primarily for agencies that have inadequate maintenance funds.

Additionally, the State-Owned Dam Repair program provides funding to carry out the requirements of KRS 151.291, which directs that the Energy and Environment Cabinet maintain, repair, or remove dams, reservoirs, levees, embankments, or other water barriers owned, acquired, or constructed by the Commonwealth. The board recommends funding for the State-Owned Dam Repair program to address needs documented by the cabinet for 2010-2012.

### **State Agency Maintenance Pools for Construction Needs**

The board recommends that maintenance pool appropriations for all agencies be significantly increased in the 2010-2012 biennium. In a separate policy recommendation, the board has reiterated its belief in the importance of the state agency maintenance pools to finance minor planned and unanticipated construction project needs (usually costing less than \$600,000 each). In their 2010-2016 capital plans, the agencies have identified the need for a total of about \$50 million each biennium for maintenance pools. This is significantly more than has been appropriated for this purpose in each of the last five biennia.

### **State Agency Equipment Maintenance Pools and Replacement Schedules**

The board also recommends that funds be provided, as appropriate, for equipment and systems maintenance pools. Similar to the need to protect the state's investment in facilities, various agencies that are responsible for major equipment assets of the state need the ability to address ongoing maintenance needs of those items. This would include aircraft and communications equipment. The board further recommends that funding be appropriated on a regular basis to allow agencies to establish and adhere to equipment replacement schedules so that replacement and upgrade needs can be addressed on a periodic basis rather than accumulating until a major infusion of funds is required.

### **State Agency Information Technology Infrastructure Replacement Schedules**

The board also recommends that funds be provided, as appropriate, to address the needs to upgrade and replace the infrastructure for information technology. The programs and services of the Commonwealth are increasingly performed by the use of computers, databases, and online applications. The ability to continue to meet those service needs with the necessary infrastructure becomes more difficult each biennium. The board further recommends that funding be appropriated on a regular basis to allow agencies to establish and maintain infrastructure replacement schedules so that replacement and upgrade needs can be addressed on a periodic basis rather than accumulating until a major infusion of funds is required. In addition, the board encourages the Commonwealth Office of Technology to move toward a comprehensive and global view of systems, infrastructure, and related technology needs across state government.

### **Long-range Plan for Housing State Agencies in the Frankfort Area**

The board commends the Department for Facilities and Support Services in the Finance and Administration Cabinet on its continuing progress toward implementing the plan developed in response to KRS 42.425 to reduce the amount of space leased to house state agencies in Franklin County. That plan later evolved to include addressing functional obsolescence issues of various existing major state buildings in Frankfort. This progress has been accomplished through a combination of approaches including state-funded new construction, state-funded renovations, and other renovations.

The board also requests that the department continue to address reducing the amount of space leased by state government in other locations including Louisville/Jefferson County and northern

Kentucky. This action is consistent with KRS 42.425(2)(b)2 that directs the development of long-range plans for housing state agencies in metropolitan areas.

### **Postsecondary Education Capital Renewal and Maintenance**

The board commends the continuing effort by the Council on Postsecondary Education and the institutions to incorporate the study done in the prior planning cycle to address the current condition and future needs of the state's postsecondary education facilities. The board also recognizes the importance of reducing the backlog of capital renewal, maintenance, and infrastructure needs, as well as addressing space adequacy (fit for use) needs of the facilities managed by the institutions. The Council on Postsecondary Education has recognized this need by inclusion of a system wide recommendation for significant funding for capital renewal, maintenance, and infrastructure in an effort to continue the work done in the last biennium in assessing the needs of the postsecondary education institutions.

### **Grant and Loan Programs**

Various agencies have proposed significant funding for 2010-2012 for programs that would provide assistance—through a competitive application process—to nonstate entities. Included are programs of the Cabinet for Economic Development, the Governor's Department for Local Government (including the Kentucky Infrastructure Authority), and the School Facilities Construction Commission. Because of the limited resources available and the significant needs in other areas of government, the board urges that decision makers carefully analyze existing fund balances/carry forwards prior to authorizing additional appropriations for these programs.

### **Additional Funding Needs for Previously Authorized Projects**

The board is concerned about the number of projects that propose additional funding for previously or currently authorized projects. The board notes that in some instances it is difficult to determine the intent of the additional funding; for example to complete a project as initially planned, to enhance the original plan, or to add to what has been or will be a fully functioning project with the funding already provided). As such, the board urges that a formal process be developed and implemented to thoroughly identify and analyze the intended project components and to determine the cost of major proposed construction and information technology projects so that the initial authorization can provide sufficient funding for a complete and functional project.

## Specific Project Recommendations

The board also recommends various other specific projects in the categories of construction to protect investment in plant (maintenance/renovation), information technology, and new construction.

In addition to the pools to address minor projects and the statutory pools/programs, as discussed above, the board recommends funding for the following **maintenance/renovation** projects (costing \$600,000 or more each) to protect the state's significant investment in its physical plant.

(This list is in alphabetical order; it does not reflect a prioritized ranking.)

- Armory Installation Facility Maintenance Pool - Department of Military Affairs
- Capitol and Capitol Annex Terrace Repairs - Finance and Administration Cabinet
- Elevator Project at Thomson Hood Veterans Center - Department of Veterans Affairs
- Expand and Renovate Betty White Nursing Building - Kentucky State University
- Improve Life Safety, Project Pool - University of Kentucky
- Maintenance Pool - Cabinet for Health and Family Services
- Minor Capital Projects Maintenance Pool - Kentucky Horse Park
- Miscellaneous Maintenance Pool - Department of Education
- Miscellaneous Maintenance Pool - Department of Juvenile Justice
- Miscellaneous Maintenance Pool 2010 - Department for Workforce Investment
- Miscellaneous Major Maintenance Pool - Department of Parks
- Renovate Locks 3 and 4 - Kentucky River Authority
- Renovate Medical-Dental Research Building - University of Louisville
- Renovate Science Campus, Phase IV - Western Kentucky University
- Renovate, Upgrade, Replace Electrical Lines at Kentucky State Reformatory - Department of Corrections
- Statewide Roof Replacement/Repair - Finance and Administration Cabinet

Investments in **information technology** have become increasingly important as the state seeks to deliver services in an efficient and effective manner. As such, the board recommends the following information technology projects for funding in the 2010-2012 budget.

(This list is in alphabetical order; it does not reflect a prioritized ranking.)

- Behavioral Health Developmental and Intellectual Disabilities Facility Information System Phase I - Cabinet for Health and Family Services
- Information System Infrastructure Upgrade - Kentucky State Police
- Information Technology Infrastructure - Kentucky Community and Technical College System
- Install Interoperable Communication System - Department of Military Affairs
- Integrated Data Reporting and Information System - Kentucky Horse Racing Commission
- Mine Safety, Licensing, and Mapping Application - Energy and Environmental Cabinet

- P-20 Learning Object Repository - Council on Postsecondary Education
- Telecommunications Equipment Replacement Phase I - Court of Justice
- Upgrade Communication and Network Infrastructure - Northern Kentucky University
- Upgrade IT Infrastructure - Kentucky State University
- Upgrade IT Infrastructure - Western Kentucky University

Recognizing that **new construction** may also be needed to facilitate the delivery of state services, the board recommends the following for funding in the 2010-2012 budget.

(This list is in alphabetical order; it does not reflect a prioritized ranking.)

- Construct Belknap Classroom/Academic Building - University of Louisville
- Construct/Complete New Science Complex Final Phase - Murray State University
- Construct Fourth State Veterans Nursing Home - Department of Veterans Affairs
- Construct Health Innovation/Renovate Old Science - Northern Kentucky University
- Construct Kentucky State Police Training Center - Kentucky State Police
- Construct Lab and IT Spaces at Center for Research and Development - Western Kentucky University
- Construct Medical Examiner Office/Jefferson County Lab - Justice and Public Safety Cabinet
- Construct Owensboro Advanced Technology Center - Kentucky Community and Technical College System
- Construct Pedestrian Bridge across US 60 - Kentucky State University
- Construct Science Building Phase II - Eastern Kentucky University
- Construct Science Research Building II - University of Kentucky
- Expand the Libraries and Archives Building - Department for Libraries and Archives
- Renewal of the Capital Plaza Complex - Finance and Administration Cabinet
- Renovate and Expand Student Center Phase II - Morehead State University
- Replacement of Glasgow State Nursing Facility - Cabinet for Health and Family Services
- State-Owned Dam Repair - Energy and Environment Cabinet

## Background

Executive branch agencies, the judicial branch, and the postsecondary education institutions have reported the need for state funding for capital budget items in the 2010-2012 biennium and for the 2010-2016 six-year planning period as follows:

<b>Type of Project</b>	<b>2010-2012</b>	<b>2010-2016</b>
Construction - Other	\$5,371,738,000	\$11,443,000,000
Construction - Protect Investment in Plant	2,214,376,000	5,517,646,000
Information Technology	952,693,000	1,485,330,000
Equipment	230,597,000	365,493,000
Grant/Loan Programs	<u>708,600,000</u>	<u>1,617,800,000</u>
<b>Total</b>	<b>\$9,478,004,000</b>	<b>\$20,429,269,000</b>

No local court facility projects are being proposed for the 2010-2012 biennium or the 2010-2016 planning period.

In a separate policy recommendation, the board further addresses funding for the state agency maintenance pools. That recommendation calls for all Capital Construction Investment Income generated by the state to be pledged to the agency maintenance pools and that other funds sources, including state bonds, be appropriated as needed to provide sufficient funding for those pools. Such appropriations should supplement, not replace, the amounts from Capital Construction Investment Income. The board is also recommending that a new maintenance pool be established for facilities in the Tourism, Arts, & Heritage Cabinet that do not have an existing maintenance pool.

Note: The following project descriptions, listed alphabetically, reflect the brief description/justification narratives provided by the agencies in their capital plans .

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**Maintenance/Renovation  
(Construction To Protect Investment in Plant)**

**Armory Installation Facility Maintenance Pool** **\$7,720,000**  
(Department of Military Affairs)

The Armory Installation Facility Maintenance Pool includes maintenance, alteration, and renovation projects to protect real property, to lengthen facility life spans, to adjust to changes in Kentucky National Guard units' missions, and to keep department facilities in working order by avoiding more costly major maintenance and repair projects. Classifications of projects include but are not limited to roof repairs and replacements, HVAC and electrical upgrades, code compliance, mold and asbestos abatement, and road maintenance.

**Capitol and Capitol Annex Terrace Repairs** **\$2,518,000**  
(Finance and Administration Cabinet)

This project would make repairs to the Capitol terrace and the Capitol Annex terrace to address leaks into the occupied and unoccupied underneath the terraces.

**Elevator Project at Thomson Hood Veterans Center** **\$2,002,000**  
(Department of Veterans Affairs)

This project adds a freight elevator and replaces four original elevators in this 1991 facility. Expensive repairs (on often obsolete parts) are required frequently. One or more elevators are down at any given time; limiting nonambulatory resident access to the first floor and creating unsafe conditions should the building need evacuation. This project would also update the Nurse Call System and the Wander Guard system (used to alert staff of wandering residents).

**Expand and Renovate Betty White Nursing Building** **\$7,825,000**  
(Kentucky State University)

This project will renovate and reallocate space to the nursing program that was formally designated space for another unit. The available space is inadequate and not well designed for the needs that are required by the nursing program. This project would provide adequate program space by means of an addition and renovation of existing space to serve the administrative and academic needs of the program. The project was included in the 2006-2008 budget enacted by the 2006 General Assembly but was one of the bond-funded projects vetoed by the Governor.

**Improve Life Safety Project Pool** **\$15,000,000**  
(University of Kentucky)

This project will 1) involve various types of measures in existing buildings including modifications to spaces, equipment, or building systems; 2) provide a pool for asbestos testing, minor abatement, and repair as well as a prioritized list of major asbestos removal projects; 3) correct indoor air quality problems associated with fresh air intakes; 4) upgrade the fume hoods, ventila-

tion system, and supply air systems to support fume hood upgrades to modern standards; and 5) upgrade air handling units, replacement of the temperature and volume controls, upgrade air handling units mixing plenums and dampers, and install variable-speed controls for the fan motors. This project will involve various types of measures including modifications to spaces, equipment or building systems, and materials including ventilation improvements in chemical areas and materials for the purpose of minimizing risks to human health and safety.

**Maintenance Pool** **\$11,826,000**

(Cabinet for Health and Family Services)

The 2010-2012 Maintenance Pool is critical to the support of the 180 buildings owned by the Cabinet for Health and Family Services, which primarily support mental health and mental retardation clients in CHFS psychiatric hospitals and intermediate care facilities for the mentally retarded. The pool will be used to provide maintenance and/or replacement equipment, roofs, HVAC systems, and renovation projects and provide the flexibility necessary to respond to emergencies that arise within the Department for Behavioral Health, Developmental and Intellectual Disabilities and other cabinet agencies.

**Minor Capital Projects Maintenance Pool** **\$4,985,000**

(Kentucky Horse Park)

The Minor Capital Construction Projects Maintenance Pool is a vital resource that allows the Kentucky Horse Park to protect the Commonwealth's investment in the Kentucky Horse Park's infrastructure. Comprehensive funding will allow the park to be at its finest as it showcases Kentucky to a worldwide audience. It remains the Kentucky Horse Park's highest capital priority.

**Miscellaneous Maintenance Pool** **\$3,000,000**

(Department of Education)

The Miscellaneous Maintenance Pool provides the Department of Education with a source of funds for capital construction projects with a total scope of less than \$600,000 each, primarily for the KY School for the Deaf, the Kentucky School for the Blind, and the Future Farmers of America Leadership Training Center. Maintenance projects such as roof and HVAC system repairs, and modifications to structures to meet health and safety standards are the principal components of the program.

**Miscellaneous Maintenance Pool** **\$1,200,000**

(Department of Juvenile Justice)

The Miscellaneous Maintenance Pool provides funds for renovations, repairs, maintenance, and equipment replacement projects with a cost of less than \$600,000 each at the Department of Juvenile Justice's facilities across the state.

**Miscellaneous Maintenance Pool 2010** **\$1,657,000**

(Department for Workforce Investment)

The Miscellaneous Maintenance Pool provides the Cabinet for Workforce Investment with a source of funds for capital construction maintenance and renovation projects with a cost of less than \$600,000 each.

**Miscellaneous Major Maintenance Pool** **\$12,000,000**

(Department of Parks)

The Miscellaneous Maintenance Pool provides the Department of Parks with funds to perform special maintenance and deferred maintenance. This is a vital need for the department to protect the Commonwealth's investment in existing facilities.

**Renovate Locks 3 and 4** **\$17,000,000**

(Kentucky River Authority)

This project will renovate the lock chamber walls, replace lock gates and timbers that seal the gates from water leakage, and renovate the valves that fill and empty the lock chamber. There has been no major maintenance on the locks for 25 years and neither lock is operational within safety tolerances for boaters or a loss of pool. This project is fully designed and was planned for construction concurrent with renovation of Dam 3 that will begin July 2009. Funding constraints prevented award of construction contracts for the locks.

**Renovate Medical-Dental Research Building** **\$61,554,000**

(University of Louisville)

The project will renovate 116,672 gross square feet of the Medical-Dental Research Bldg., constructed in 1962, into modern efficient research facilities. Redevelopment of research space in the building will support the expanding research requirements of the Ky Spinal Injury Research Center, neuroscience research, and other emerging research initiatives by renewing the entire facility to accommodate intradisciplinary research and access to shared core research facilities to support growth initiatives on the Health Sciences Center Campus. This facility is a high priority in meeting the university's mandate to increase the bio-medical translational research capabilities needed for tomorrow's knowledge-based economy and in providing for the health of the citizens of the Commonwealth. The project will include phased replacement of all mechanical, plumbing, and electrical systems; and will be designed and constructed to be highly energy efficient and fully compliant with high-performance building standards including LEED Silver certification and all applicable codes.

**Renovate Science Campus Phase IV** **\$29,000,000**

(Western Kentucky University)

The project renovates Thompson Complex for Science, Center Wing with 117,967 square feet, constructed in 1967, and includes the Hardin Planetarium. This project is the final phase of a \$61 million investment in upgrading the facilities that house the Ogden College of Science and Engineering. The renovations are necessary to support the ongoing teaching and research of the Ogden College of Science and Engineering.

**Renovate, Upgrade, Replace electrical lines KSR** **\$4,159,000**

(Department of Corrections)

This project will upgrade, replace, and renovate Kentucky State Reformatory's antiquated and out-of-code electrical supply to ensure a stable supply of electricity that would include electrical supply to Roederer Correctional Complex and Luther Lockett Correctional Complex.

**Statewide Roof Repair/Replacement** **\$750,000**

(Finance and Administration Cabinet)

Funding will cover various failing roofs of buildings owned by the Finance and Administration Cabinet. Various roofs are reaching their expected life and failing beyond repair.

**Information Technology**

**Behavioral Health Developmental and Intellectual Disabilities**

**Facility Information System Phase I**

**\$10,200,000**

(Cabinet for Health and Family Services)

Facilities operated by Kentucky Department for Behavioral Health, Developmental and Intellectual Disabilities are Central State Hospital, Central State ICF/MR, Eastern State Hospital, Western State Hospital, Kentucky Correctional Psychiatric Center, Oakwood ICF/MR, Outwood ICF/MR, Hazelwood ICF/MR, Western State Nursing Facility, Glasgow State Nursing Facility, and Volta. The facilities are responsible for each patient's physical and mental health, safety, and well-being to assure each patient's medical and therapeutic needs are being addressed in a timely manner, and appropriately. The department is required to increase the scope of its existing electronic medical record capabilities to meet documentation and reporting demands, as well as requirements for regulatory agencies. The current electronic pharmacy inventory control system, purchased in 1999, is outdated and the current contract has expired. The vendor has verbally notified the department of plans to cease support of this product in the near future (currently negotiating a 1-year extension). The system supports more than 1,000 patients each day.

**Information Systems Infrastructure Upgrade**

**\$7,200,000**

(Kentucky State Police)

The Kentucky State Police has in place a basic infrastructure to support the information technology environment mandated in today's world of electronic transfer and transmission of information. Funds are needed to upgrade and maintain this system. Some of the Information System/Records Management components are 9 to 10 years old and are at the end of their useful life cycles. Workstations, mobile data computers, software, hubs, routers, and switches need to be upgraded during the next two biennia.

**KCTCS Information Technology Infrastructure Upgrade**

**\$12,000,000**

(Kentucky Community and Technical College System)

The intent of this project is to secure funding to build a system applications expansion to the current information technology infrastructure. These infrastructure improvements are necessary to expand higher education, promote economic development in communities; and provide access to local, statewide, national, and international resources.

**Install Interoperable Communications System** **\$976,000**

(Department of Military Affairs)

The Department of Military Affairs proposes purchasing WebEOC, incident management software that acts as a virtual emergency operations center over multiple disciplines, allowing crisis information to be universally available to authorized users during an emergency. Acquisition of this software would resolve the problem of a lack of communications interoperability coupled with a lack of a collaborative crisis information communications system that would provide common incident situational awareness between our partner states and local agencies, mobile command and communications vehicles, the State Emergency Operations Center and the Fusion Center during emergencies and disasters.

**Integrated Database and Information System** **\$1,531,000**

(Kentucky Horse Racing Commission)

This project is designed to create an integrated database and information system for the Kentucky Horse Racing Commission. This project is needed to address the agency's database and information system deficiencies. This project addresses recommendations from the 2006 Auditor of Public Accounts' Management Audit Report of the commission and the 2008 Governor's Task Force on the Future of Horse Racing. This project will improve the efficiency and effectiveness of the commission's procedures and operation.

**Mine Safety, Licensing and Mapping Application** **\$965,000**

(Energy and Environment Cabinet)

The 2006 and 2007 sessions of the General Assembly passed several new laws for mine safety. The existing application needs major enhancements so that the agency can more easily track suspensions, probations, revocations, and reinstatements of certificates for those miners found in violation of their drug/alcohol free status (KRS 351.120(12)). The Mine Safety Bill of 2006 along with House Bill 207 authorizes the commissioner to assess penalties against those licensed operations in violation of certain mine safety laws. Enhancements to the existing application and database are required to comply with these new mine safety laws. Electronic inspection, workflow and document management systems will streamline the process to minimize resources required for compliance and record keeping. Readily available images of underground mines will enhance safety and rescue efforts, as well as decrease response time in the event of an environmental emergency.

**P-20 Learning Object Repository (KyDepot)** **\$4,000,000**

(Council on Postsecondary Education)

The Kentucky Learning Depot is a P-20 collaborative initiative that allows Kentucky educators to share rich, engaging, quality, and standards-based digital learning content to improve their courses. It provides easy access to quality digital learning content, improves teaching and learning, achieves cost savings and maximizes resources, and opens digital borders. It also intends to use best practices in course redesign spearheaded by the National Center for Academic Transformation and the Quality Matters rubric developed by Maryland Online funded by a FIPSE grant to assist Kentucky educators create innovative digital learning content and to help shape this repository. This initiative has been funded by the AT&T Foundation Grant in January 2009 at \$136.171 for a pilot project to be launched in 2009.

**Telecommunication Equipment Replacement Phase 1** **\$1,894,000**  
(Court of Justice)

The Kentucky Court of Justice telecommunication network will require more than 84 telephone systems to be upgraded over the next six years, as defined by the 10-year refresh cycle. This project will expedite a statewide Voice-Over-Internet Protocol system that supports the agency's e-Courts initiative and facilitates the integration of telephone communication into the judiciary's core administrative and courtroom technology solutions. The results of a unified communication solution will be realized by combining everything from voice to data to video, resulting in a cost-effective, easy-to-use business solution to help provide better service.

**Upgrade Communication and Network Infrastructure** **\$2,500,000**  
(Northern Kentucky University)

Voice-Over-Internet Protocol services and unified messaging services will greatly improve the university's ability to communicate in a mobile, dynamic environment. Whether it is faculty working with students or creating partnerships with businesses or the community, or staff providing services to faculty, timely and expedient access to information and ease of contact is important to success.

**Upgrade Information Technology Infrastructure** **\$5,468,000**  
(Kentucky State University)

Both Kentucky State University's fiber network and its wireless network need to be expanded and upgraded. The fiber network's current topology needs to convert to a star topology that will require reinstalling fiber to each building and terminating each connection at a central fiber hub. Redundant connectivity will ensure near 100 percent uptime for the network and create a fully wireless campus where the network can be accessed by students, faculty, staff, alumni, and visitors anywhere and anytime while on campus. This will also allow advances in information distribution using handheld devices such as cell phones and i-pods. Extend wireless access to the university's research farm in Franklin County.

**Upgrade IT Infrastructure** **\$2,300,000**  
(Western Kentucky University)

The purpose of this project is to upgrade the infrastructure to handle escalating bandwidth demands resulting from increased enrollment, large data transfers, streaming media, and the addition of campus-wide wireless capability. All of these initiatives have created new demands on the network, especially the network core, which must be addressed.

**Other Construction (New)**

**Construct Belknap Classroom/Academic Building** **\$75,000,000**  
(University of Louisville)

This authorization allows the construction of a new 155,000 gross-square-foot interdisciplinary classroom building. The new building will provide office space for the Departments of History and Classical and Modern Languages, the Division of Humanities, and other liberal arts disciplines along with much-needed high-technology classrooms and student laboratories to facilitate instruction for both undergraduate and graduate students in the Arts and Sciences. The

VFA/Paulien KPES 2008-2010 Updated Space Model found that UofL has a current deficit of 61 percent in classroom space. By 2020, the study projected a deficit of 154,503 assignable square feet, or a 118 percent deficit. The study also projected a deficit of 101,558 assignable square feet of teaching labs.

**Construct/Complete New Science Complex Final Phase** **\$30,100,000**  
(Murray State University)

This final phase of the Science Complex will include the construction of a new 72,500 square foot Engineering-Physics Building. Funds are available from previous phases of the Science Complex to begin the planning of this project. Funds requested in this phase will complete the planning, design, and construction of the Engineering-Physics Building.

**Construct Fourth State Veterans Nursing Home** **\$30,000,000**  
(Department of Veterans Affairs)

The project is the construction of a 194-bed Veterans Nursing Home in Radcliff to serve Kentucky veterans. Three 40-bed units will serve veterans with skilled nursing care needs; two 37-bed units will serve veterans with Alzheimer's/dementia disorders. Kentucky's current veteran population is over 350,000. Kentucky currently has three veterans' nursing homes. All of these are at or near capacity and have a waiting list. 65 percent of the construction cost will be borne by the US Department of Veterans Affairs when funds become available. The facility will employ approximately 255 individuals and will include a physical therapy department, library, barbershop, and gift shop.

**Construct Health Innovation/Renovate Old Science** **\$92,500,000**  
(Northern Kentucky University)

This project merges the Health Innovations Center and renovation of Old Science. The project would include construction of a new 124,000-square-foot wing, west of Old Science, physically connecting to the 125,296-square-foot Old Science building at multiple levels. The project scope includes the new wing as well as full renovation of Old Science. With the merged concept, the new wing will be 40,000 square feet smaller than otherwise, as some of the new square feet intended for the new building will be relocated to Old Science at a lesser cost per square foot. This strategy results in a net savings of \$20 million, compared to the cost of two separate projects.

**Construct Kentucky State Police Training Center** **\$30,175,000**  
(Kentucky State Police)

Construct an 88,000 square-foot state-of-the-art, versatile facility sufficient to conduct state police training and other related training services. The project includes dormitory, classrooms, dining hall, kitchen, computer lab, gym, conference room, Fire Arms Training Simulator, aerobic/weight/storage rooms, and a driving track. This project is needed to provide a suitable training environment for Kentucky State Police cadets and troopers. The current facility is fast becoming inadequate to meet these needs and will be used for office and storage space and in-service training.

**Construct Lab and IT Spaces at Center for Research and Development** **\$15,000,000**  
(Western Kentucky University)

The Materials Characterization Center and Combustion Lab is Western Kentucky University's major nanotechnology focus and the university's most prolific source of corporate research contracts. It is the university's best source for technology transfer and patent royalty income. The Western Kentucky University-Bowling Green Municipal Utilities Data Center will help to enhance and diversify South Central Kentucky's regional economy. This Data Center/Net Operations Center project is an infrastructure project designed to augment and support ongoing regional economic development to start, grow, recruit, and retain high-tech companies within our region. Constructing a High Performance Computing Center will provide an efficient path for both researchers and educators to access advanced computing resources that are well supported and maintained for complete service. Additionally, this system will interface with the existing fiber optic network provided by Bowling Green Municipal Utilities; therefore, the proposed center give researchers access to a national grid of computer systems with larger computer power.

**Construct Medical Examiner Office/Jefferson Lab** **\$17,400,000**  
(Justice and Public Safety Cabinet)

The number of staff at the Medical Examiner's Office in Louisville has increased since the initial occupation of its office space. Additionally, the burdens placed on the Division of Forensic Pathology by the legal system have increased the amount of stored specimens. Due to the technical and legal nature of the medical examiner's work, it is required that evidence, including photographs, tissue specimens, reports, x-rays, microscopic slides, and trace evidence be retained indefinitely. Retention is necessary even after adjudication of a criminal case due to the possibility of an appeals process and civil actions. A new facility will allow for continued growth and evolution of the medical examiner's office and allow for the consolidation with the Jefferson Laboratory. The office anticipates the need to add two more physicians and two more clerical staff as well as additional space for four autopsy stations; a room dedicated to the examination of decomposed individuals with two autopsy stations; an adjacent walk-in freezer for decomposed bodies; a full histology laboratory with processor, ether closet, and vented hood; a full radiology facility; a walk-in cooler large enough to accommodate up to 20 bodies; a separate entrance for families of deceased persons adjacent to the cooler, a waiting area, and an examination room for living persons; and a bereavement room where the family could view the deceased through glass. Workrooms are required for trace evidence processing, alternate light source evaluation, a "drying room," a room for a multihead microscope for consultations, two large conference rooms for depositions and meetings, and a "clean" break room for death investigators and autopsy technicians during the day. Secure storage areas are necessary for wet tissue, paraffin blocks, microscopic slides, and large tissue specimens. An area to store and wash brains for neuropathology consultation is also necessary.

**Construct Pedestrian Bridge Across US 60** **\$2,151,000**  
(Kentucky State University)

The Kentucky State University master plan identified that the best way to transport pedestrian traffic across US 60 was an elevated bridge connection from Hathaway Hall to the South Campus. North campus is being developed into a central pedestrian traffic core with perimeter vehicular roads and parking. The master plan addresses the need to extend pedestrian traffic core

concept across US 60 to south campus. South campus is where the university expansion is occurring. Residence halls on south campus are home to 450 students. Shauntee Hall is a classroom building located on south side of US 60. Classroom buildings are planned for south campus with the Business and Performing Arts projects. The bridge connection will be a major assist to the university community.

**Construct Owensboro Advanced Technology Center Phase II** **\$14,055,000**  
(Kentucky Community and Technical College System)

The intent of this project is to construct an approximately 35,000-square-foot expansion to the Owensboro Advanced Technology Center. The original request for the Advanced Technology Center was divided into two phases. Phase I was funded and was completed during fall 2007. Phase II will construct much-needed classroom and lab space, incubator space with classroom, a welding lab, and a connector to the Campus Center to allow student services to be accessible. Classrooms, offices, and ITV labs are included for Western Kentucky University, which has administrative offices located in cramped space on the second floor of the Learning Resource Center. This space will allow for the expansion of baccalaureate and master's-level courses in the Owensboro region.

**Construct Science Building Phase II** **\$65,040,000**  
(Eastern Kentucky University)

As currently funded, this project will not accommodate the entire sciences programs; however, it will allow the largest science program, the Department of Biology, to locate to the new science building. This new structure will increase and enhance instructional space and alleviate current problems of safety and access.

**Construct Science Research Building II** **\$205,880,000**  
(University of Kentucky)

This 255,000 gross-square-foot science research facility will provide state-of-the-art research space for health sciences, chemistry, physics, earth sciences, psychology, bio-medical engineering, nutrition, and nanotechnology. This facility is essential to sustaining the university's projected growth in research productivity necessary to achieve the legislative mandate that it become a top-20 public research university by 2020. Competitive research space is critical to the university's ability to recruit and retain world-class faculty, Bucks for Brains chairs, and professorships.

**Expand the Libraries and Archives Building** **\$11,147,000**  
(Department for Libraries and Archives)

This project requests the construction of a 16,000 gross-square-foot, high-density addition to the main building of the Kentucky Department for Libraries and Archives' in Frankfort. The addition would provide critically needed space for preserving Kentucky's permanently valuable records generated by state and local government agencies in the normal course of business. Those agencies are specifically required by KRS 171.640 to create records that document their organizational functions, policies, decisions, procedures, and essential transactions. Kentucky Department of Library and Archives is mandated by KRS 171.500 to serve as the Commonwealth's central repository of public records of permanent value. The department is unable to meet this statutory responsibility with its existing facility. The State Archives currently holds more than

101,400 cubic feet (about 249,000,000 pages) of records, dating from 1780 to the present, used by state and local agencies, courts at all levels, attorneys, historians, genealogists, and researchers from across the country. A crisis point was reached in June 2005 when the archives filled to capacity. The department was forced to issue a moratorium barring further records transfers from all agencies, even the court system, despite lack of space in courthouses for case records and other evidence. The State Archives is a central element of the state's information infrastructure. This request supports the department's long-term responsibility for government records in its custody, which is a statewide stewardship mandate on behalf of the Commonwealth and its citizens. A secure and well-designed central facility that protects and assures access to these vital resources is essential. This addition will allow the department to fulfill its legal obligations by housing and preserving records under appropriate environmental conditions, ultimately saving money for local and state government and creating a secure, one-stop access point to Kentucky's public records.

**Renewal of the Capital Plaza Complex** **\$82,920,000**  
(Finance and Administration Cabinet)

In the 2006-2008 budget, the General Assembly authorized a project to design the renovation of the Capital Plaza Complex. A consulting firm was hired to perform the design, and one of its first efforts was to perform a facility assessment. During that assessment, it became apparent that a renovation of the existing facility would not be the most cost effective long-term strategy. The consultants recommended that an alternate approach be investigated. This approach would replace the existing tower with a new, modern, more efficient 270,000-square-foot office building; provide additional green space; demolish the overpasses on Mero and Clinton Streets; remove the pavers on the plaza level; provide new parking structures; and demolish the fountain place shops plaza and garage. This project request is for the first phase of that project. The first phase includes constructing a 520-parking space addition to TCOB garage, demolishing the Office Tower Garage and Plaza, demolishing the Mero and Clinton Streets Plaza, and constructing the shell of the new 270,000-square-foot office building.

**Renovate and Expand Student Center Phase II** **\$52,921,000**  
(Morehead State University)

The renovation and addition to the Adron Doran University Center will incorporate the one-stop shopping concept for prospective students and address the facility requirements and needs to meet the increasing demand for student and campus services. Phase II will include the renovation of space not altered in Phase I (approximately 52,684 square feet) and the addition of 86,579 square feet. This will provide a university facility that more effectively serves its students and will facilitate additional student services and cultural activities for its students and others within its service region. Costs have been revised to reflect projected increase in construction cost and include additional identified program and service needs.

**Replacement of Glasgow State Nursing Facility** **\$20,000,000**  
(Cabinet for Health and Family Services)

During the 2008-2010 biennial budget, this project was identified as the cabinet's first priority, excluding the cabinet's maintenance pool. This project would replace the Glasgow nursing facility and allow for new construction on the current grounds and would allow continued of services to patients with mental illness or mental retardation who also have serious chronic

health issues as they age. Structural issues at the nursing facility were identified, and the cabinet funded projects that enabled structural repairs that extended the useful life of this facility. The biennial budget contained language that directed the Secretary of the Cabinet for Health and Family Services to submit a plan by December 1, 2008, to the Legislative Research Commission for replacement of Glasgow State Nursing Facility. Alternatives were explored and were incorporated into that report, which is available upon request.

**State-owned Dam Repair**

**\$4,000,000**

(Energy and Environment Cabinet)

The cabinet is required under KRS 151.291 to ensure that dams owned by the Commonwealth comply with dam safety regulations. There are 73 state-owned dams across the Commonwealth. Some of these dams become high hazard due to development or need of repairs. Funding is required to administer the necessary repairs for compliance.



## **Project Recommendations**

### **Projects To Be Financed From Other Than State Funds**

#### **Recommendation**

The board recommends that in authorizing projects to be financed 100 percent from other than state funds and for which the other funds may be used for discretionary purposes such as postsecondary education restricted funds, a high priority should be assigned to projects to address life/safety and deferred maintenance needs for which state funds are not provided.

In addition, the board recommends that in authorizing projects to be financed 100 percent from other than state funds, the following factors should be taken into account:

- Will the project require the expenditure of significant additional state funds for its operation and maintenance?
- Will the project commit the state to fund significant costs to complete the project after the available other funds have been expended?
- Are there agency programs or operations also financed by the proposed fund source that would be jeopardized by the use of the funds for a capital project?

#### **Background**

Capital plans submitted by agencies contain approximately \$7.5 billion worth of projects that designate fund sources other than the General Fund. These sources (which are defined on the preceding page) include restricted funds, federal funds, road funds, and other funds. The total for the 2010-2012 biennium alone was \$4.2 billion.

The largest users of these fund sources are the postsecondary institutions, with more than \$3.3 billion in proposed restricted fund projects. However, other agencies such as Military Affairs (federal funds), the Commonwealth Office of Technology (restricted funds) within the Finance and Administration Cabinet, the Department of Fish and Wildlife Resources (restricted funds), the Kentucky Lottery Corporation (other funds-agency generated), and the Transportation Cabinet (road funds) also rely on these sources.

For purposes of the Capital Planning Advisory Board's recommendations, these fund sources are defined as not being state funds. However, the General Assembly must authorize any funds used for capital projects during the biennial budget process.

**Restricted funds** are moneys collected by state agencies and restricted by statute or the budget bill for expenditure by the collecting agency. Sources include licenses and fees, tuition, service charges, sales of goods or products, donations or grants from nonstate sources, and expendable receipts and earnings from trust programs. Revenues generated by the housing and dining systems of the postsecondary institutions are categorized as restricted funds. As the institutions are moving toward a general receipts structure, many of these funds may be incorporated with other funds for capital purposes.

**Federal funds** are moneys received by state agencies in the form of grants, contracts, or other assistance from the federal government for specific purposes. Main recipients of federal funds for capital purposes have traditionally been agencies within the Justice and Public Safety Cabinet, the Department of Military Affairs, and the postsecondary institutions (primarily for equipment.) Under the American Recovery and Reinvestment Act, substantial funds have been made available to the Kentucky Infrastructure Authority for drinking and wastewater projects for local communities.

**Other funds** are moneys that are not “state funds,” such as General Fund cash or bonds, and that are not included in one of the above categories. This category is used primarily by the postsecondary institutions. A primary use is for projects expected to be financed from cash through private contributions or gifts. The category also has been used to capture projects to be funded through privatization or other third-party financing arrangements.

**Road funds** are moneys from excise or license taxes relating to gasoline or other motor fuels products and other moneys collected by the Transportation Cabinet.

# Status of Major State-funded Construction Projects



2010-2016  
Statewide Capital Improvement Plan



## Status of Major State-funded Construction Projects

The following chart reflects the status as of October 1, 2009, of construction projects involving the state General Fund authorized in a biennial budget and not completed as of publication of the last capital plan in November 2007.

Agency/Project	Status/Estimated Project Completion*
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### Executive Branch

#### Department of Veterans Affairs

New State Veterans Cemetery - Northern Kentucky.....	Complete - 4/09
New State Veterans Cemetery - Northeast Kentucky.....	In Construction - 7/10
New State Veterans Cemetery - Southeast Kentucky.....	Not Yet Initiated
Western Kentucky Veterans Center - Alzheimer's/General Care Unit .....	Design/Phase A

#### Department of Education

Various Major Maintenance - KY School for the Deaf (Renovate Kerr Hall) .....	Complete - 1/08
FFA Leadership Training Center Renovation.....	Not Yet Initiated

#### Tourism, Arts, and Heritage Cabinet/Kentucky Center for the Arts

Water Leak and Window Repair .....	Complete
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#### Tourism, Arts, and Heritage Cabinet/Kentucky Horse Park

Construct New Indoor Arena .....	In Construction - 8/09
Outdoor Equine Event Stadium .....	Complete - 4/09

#### Tourism, Arts, and Heritage Cabinet/Parks

General Burnside - Golf Course Improvements+ / + + .....	Complete - 12/07
Lincoln Homestead - Mordecai Lincoln+ .....	Complete - 11/07
Grayson Lake - Golf Course Completion+ .....	Complete - 5/08
Benham Lynch - Park Upgrades+ + .....	Complete - 11/08
Lake Cumberland - Conference Center+ + .....	Complete - 9/08
E.P. "Tom" Sawyer - Conference Center+ + .....	Complete - 5/09
Kenlake - Cherokee Park+ + .....	Complete - 6/08
Dale Hollow - Cottage Development+ + .....	Cancelled
Dale Hollow - Dale Hollow Pool+ + .....	Cancelled
Levi Jackson - Park Upgrade+ + .....	Complete - 2/09
Big Bone - Park Improvement+ + .....	Design/Phase C
Pennyrile - Replace Sewer Project.....	Rebidding

+Funding from the 2004-06 Parks Renovation Pool  
 ++Funding from the 2006-08 Parks Development Pool

#### Tourism, Arts, and Heritage Cabinet/State Fair Board

East Wing/Hall Renovation Project.....	Complete - 10/07
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#### Education and Workforce Development Cabinet/Workforce Investment

Winchester Office of Employment & Training Replace HVAC System .....	Complete - 4/08
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**Finance and Administration Cabinet/Facilities and Support Services (DFSS)**

L&N Building - Cooling Tower and Pump .....	Complete - 5/08
L&N Building - Client Access Project .....	Complete - 4/08
Improve Site Infrastructure - Capital Complex (New Boiler House) .....	Complete - 11/08
Data Center Readiness .....	Complete - 9/08
Refurbish Escalators - CHR Building .....	Planning
Capital Plaza Complex Renovation and Design .....	Planning
Capital Campus Steam Distribution .....	In Construction - 11/09
Central Utility Plant Cooling Tower - CHR Complex .....	Complete - 5/09
L&N Building - Roof/Gutter Repair .....	Complete - 4/08

**Health and Family Services Cabinet**

Oakwood - Replace Roof .....	Complete - 10/07
Oakwood - Replace Chillers, Heating, & Cooling Lines .....	Design/Phase A
Western State Hospital - Sprinkler System/Ward Renovation .....	Design/Phase C
Upgrade HVAC Pipes & Electric - Glasgow .....	Other
Construct Hazelwood Intermediate Care Facility .....	Planning

**Justice and Public Safety Cabinet/Corrections**

KY Correctional Institution for Women - Renovate Lonnie Watson Building .....	Complete - 9/08
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**Justice and Public Safety Cabinet/Juvenile Justice**

Morehead Youth Development Center - Upgrade Fire Safety/Repair .....	On Hold
Northern KY Youth Development Center - Upgrade Safety & Repair Exterior .....	Complete - 3/09

**Justice and Public Safety Cabinet/Kentucky State Police**

Replace Records & Secure Evidence Facility .....	Design / Phase B
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**Transportation Cabinet**

Construct Louisville District Office .....	Complete - 1/08
Horse Park Roads .....	Complete - 8/08
Construct Larue County Maintenance Facility & Salt Storage Structure* .....	Cancelled
Construct Spencer County Maintenance Facility & Salt Storage Structure* .....	Cancelled
Replace HVAC - Flemingsburg District Office .....	Complete - 9/09

\*Authorization expired 6/08

**Eastern Kentucky University**

Construct Manchester Postsecondary Education Center .....	Complete - 5/08
Construct Business & Technology Center, Phase II .....	In Construction - 7/11
Construct Science Building .....	In Construction - 5/12

**Kentucky Community and Technical College System**

Construct Owensboro Advanced Technology Center .....	Complete - 12/07
Construct Franklin Technology Center .....	Complete - 3/08
Expand Franklin Technology Center .....	Complete - 12/07
Construct Henderson CC Technology Center .....	Complete - 4/08
Construct Winchester Facility - Bluegrass CTC .....	Complete - 5/08

### **Kentucky Community and Technical College System**

Renovate Aircraft Maintenance Lab - Somerset CC .....	Complete - 2/08
Expand Edgewood Campus - Gateway CTC .....	Complete - 9/08
Construct Madisonville Technology Center .....	In Construction - 6/08
Construct Ashland Technology Center .....	In Construction - 11/09
Construct Classroom/Lab Building - Bluegrass CTC, Lexington .....	Design / Phase C
Construct Advanced Manufacturing Technology Center - Gateway CTC .....	In Construction - 1/10
Construct Administration Building, Phase I - Maysville CC .....	In Construction - 11/09
Construct Springfield Community & Technical College .....	In Construction - 8/09
Construct Emerging Technology Center - West KY CTC .....	In Construction - 8/09
Construct Central Regional Postsec Educ Center-Phase II - Elizabethtown CC .....	In Construction - 10/09
Design Madisonville Postsecondary Education Center .....	Design / Phase B
Design Advanced Manufacturing Center - Bluegrass CTC .....	Design / Phase B
Construct Allied Health/Technical Education Building - Laurel Campus .....	In Construction - 4/10
Construct McCreary Center - Somerset CC .....	In Construction - 2/10
Construct Science/Allied Health Building - Jefferson CTC .....	In Construction - 12/09
LLC Classroom/Lab Building – Addition .....	Design/Phase C

### **Kentucky State University**

Young Hall (construct replacement) .....	Complete - 2/08
Hathaway Hall Renovation, Phase II .....	Complete - 8/08

### **Morehead State University**

Construct NASA Space Science Center .....	Complete - 1/09
Construct Center for Health, Education, and Research .....	In Construction - 2/10
Replace Power Plant Pollution Control System & Boiler Tube .....	Complete - 12/08

### **Murray State University**

New Science Complex - Phase II .....	Complete - 5/09
New Science Complex - Phase III .....	Complete - 5/09

### **Northern Kentucky University**

Regional Special Events (Bank of Kentucky) Center .....	Complete - 7/08
Construct Center for Informatics .....	In Construction - 7/11
New Power Plant .....	In Construction - 10/09

### **University of Kentucky**

Construct Biological/Pharmaceutical Complex .....	In Construction - 12/09
Expand & Upgrade Livestock Disease Diagnostic Center .....	In Construction - 11/10
Renovate 4-H Camps .....	Not Yet Initiated

### **University of Louisville**

HSC Research Campus Facility - Phase III .....	Complete - 6/09
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### **Western Kentucky University**

Math and Science Academy Renovation .....	Complete - 10/07
Renovate Science Campus - Phase II - Construct Snell Hall .....	In Construction - 12/09
Replace College of Education Bldg - Tate Page Hall .....	In Construction - 12/10

### Judicial Branch

Boyd County .....	Complete - 05/09
Gallatin County (pool project) .....	Complete - 04/08
Grayson County .....	Complete - 06/09
Hart County.....	Complete - 12/08
Livingston County.....	Complete - 01/09
Trigg County.....	Complete - 08/09
Washington County.....	Complete - 09/08
Allen County.....	Design/Phase B
Breckinridge County .....	Design/Phase C
Franklin County .....	Design/Phase A
Hopkins County .....	Design/Phase B
Morgan County .....	Design/Phase B
Owen County .....	Design/Phase C
Pike County.....	Design/Phase C
Todd County .....	Design/Phase C
Wolfe County.....	Design/Phase C
Adair County.....	In Construction - 12/09
Campbell County .....	In Construction - 04/12
Carlisle County .....	In Construction - 12/10
Fleming County.....	In Construction - 02/11
Fleming County.....	In Construction - 02/11
Garrard County .....	In Construction - 04/11
Grant County.....	In Construction - 02/10
Green County .....	In Construction - 02/10
Hancock County.....	In Construction - 04/11
Hancock County.....	In Construction - 04/11
Jackson County .....	In Construction - 11/09
Laurel County .....	In Construction - 03/10
Logan County.....	In Construction - 01/10
Marion County .....	In Construction - 01/11
Marion County .....	In Construction - 01/11
Mercer County .....	In Construction - 04/11
Monroe County .....	In Construction - 03/11
Pendleton County (pool project) .....	In Construction - 02/10
Pulaski County .....	In Construction - 02/11
Robertson County (pool project).....	In Construction - 06/09
Rowan County.....	In Construction - 12/10
Russell County .....	In Construction - 04/11
Shelby County.....	In Construction - 02/11
Taylor County .....	In Construction - 10/09
Whitley County.....	In Construction - 01/11
Bracken County.....	Other
Lawrence County .....	Other

Status Categories

Cancelled, Complete, Design-**Phase A** - Consultant has been selected and project is in schematic design, **Phase B** -Project is in design development; **Phase C** - Project is in construction document development, In Construction, On Hold, Other-Site Selection, Not Yet Initiated, Planning, Rebidding

*Note: A completion date is listed only if the project is in construction*

# Comprehensive Listing of Proposed Projects



2010-2016  
Statewide Capital Improvement Plan



## **Comprehensive Listing of Proposed Projects (2010-2012, 2012-2014, 2014-2016)**

Following are listings of all capital construction projects, capital equipment, and information technology items and systems proposed for 2010-2012, 2012-2014, and 2014-2016 submitted by the agencies and postsecondary institutions to the Capital Planning Advisory Board as of October 1, 2009, which was the deadline for amendments to the 2010-2012 capital plans.

There are four sets of project listings as follows:

- Projects Involving the General Fund (Cash/Bonds) - Projects are listed in priority order for 2010-2012 and in alphabetical order for 2012-2014 and 2014-2016.
- Projects Involving the Road Fund - Projects are listed in priority order for 2010-2012 and in alphabetical order for 2012-2014 and 2014-2016.
- Projects Involving Agency Bonds - Projects are listed in priority order for 2010-2012 and in alphabetical order for 2012-2014 and 2014-2016.
- Other Projects - Not Involving the General Fund, Road Fund, or Agency Bonds - Projects are listed alphabetically for each biennium.

Where applicable, both cabinet and agency priority rankings are shown.

A brief description of each proposed project is available on the board's Web site at [www.lrc.ky.gov/statcomm/CPAB/homepage.htm](http://www.lrc.ky.gov/statcomm/CPAB/homepage.htm).

### Project Type Codes

- C-O Construction-Other – Projects costing \$600,000 or more to create new space or expand existing space.
- C-PI Construction-Protect Investment in Plant – Projects costing \$600,000 or more to preserve or extend the useful life of an existing facility (maintenance/renovation) or to address life/safety issues or government mandates.
- GL Grants/Loans – State-administered programs included in the capital budget that provide financial assistance to nonstate agencies or entities such as economic and community development grant and loan projects, water and wastewater projects, school facilities, and flood control projects.
- IT Information Technology system – Related computer or telecommunications components, with a total cost of \$600,000 or more, to provide a functional system for a specific business purpose and containing one or more of the following: hardware, software, professional services, or digital data products.
- EQ Equipment – Items costing \$200,000 or more.

### Fund Source Codes

- AB Agency Bonds
- FF Federal Funds
- GF General Fund (cash/bonds)
- LB Local Bonds (court projects, with state-funded use allowance payments)
- OT-LTF Other, Long-Term Financing (not involving state or agency bonds)
- OT-P Other, Private (cash)
- RF Restricted Funds
- TF Road Fund



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**Department for Local Government**

**Projects involving the General Fund (Cash/Bonds)**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
<b>2010-2012</b>						
1		Flood Control Matching Fund	GL	6,000,000	6,000,000	
2		KIA Fund B Infrastructure Revolving Fund	GL	50,000,000	50,000,000	
3		KIA Fund A Federally Assisted Wastewater Program	GL	172,000,000	12,000,000	160,000,000 FF/AB
4		KIA Fund F Drinking Water Revolving Loan Program	GL	63,400,000	6,400,000	57,000,000 FF/AB
5		Renaissance on Main	GL	5,000,000	5,000,000	
6		Community Enhancement Funds	GL	3,000,000	3,000,000	
<b>2010-2012 Total</b>				<b>299,400,000</b>	<b>82,400,000</b>	<b>217,000,000</b>
<b>2012-2014</b>						
		Community Enhancement Funds	GL	3,000,000	3,000,000	
		Flood Control Matching Fund	GL	6,000,000	6,000,000	
		KIA Fund B Infrastructure Revolving Fund	GL	50,000,000	50,000,000	
		KIA Fund A Federally Assisted Wastewater Program	GL	72,000,000	12,000,000	60,000,000 FF
		KIA Fund F Drinking Water Revolving Loan Program	GL	38,400,000	6,400,000	32,000,000 FF
		Renaissance on Main	GL	5,000,000	5,000,000	
<b>2012-2014 Total</b>				<b>174,400,000</b>	<b>82,400,000</b>	<b>92,000,000</b>
<b>2014-2016</b>						
		Community Enhancement Funds	GL	3,000,000	3,000,000	
		Flood Control Matching Fund	GL	6,000,000	6,000,000	
		KIA Fund B Infrastructure Revolving Fund	GL	50,000,000	50,000,000	
		KIA Fund A Federally Assisted Wastewater Program	GL	72,000,000	12,000,000	60,000,000 FF
		KIA Fund F Drinking Water Revolving Loan Program	GL	38,400,000	6,400,000	32,000,000 FF
		Renaissance on Main	GL	5,000,000	5,000,000	
				<b>174,400,000</b>	<b>82,400,000</b>	<b>92,000,000</b>
<b>Grand Total</b>				<b>648,200,000</b>	<b>247,200,000</b>	<b>401,000,000</b>

**Explanation of Acronyms**

KIA: KY Infrastructure Authority

**Department of Agriculture**

**Projects involving the General Fund (Cash/Bonds)**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
<b>2010-2012</b>						
1		Animal Shelters	GL	2,000,000	2,000,000	
2		PACE AGR Enhancement Fund	GL	7,200,000	3,600,000	3,600,000 FF
<b>2010-2012 Total</b>				<b>9,200,000</b>	<b>5,600,000</b>	<b>3,600,000</b>
<b>2012-2014</b>						
		Animal Shelters	GL	2,000,000	2,000,000	
		Large Scale Test Truck Replace 02 KNW	EQ	205,000	205,000	
		PACE AGR Enhancement Fund	GL	7,200,000	3,600,000	3,600,000 FF
<b>2012-2014 Total</b>				<b>9,405,000</b>	<b>5,805,000</b>	<b>3,600,000</b>
<b>2014-2016</b>						
		Animal Shelters	GL	2,000,000	2,000,000	
		Large Scale Test Truck Replace 96 Ford	EQ	220,000	220,000	
		PACE AGR Enhancement Fund	GL	7,200,000	3,600,000	3,600,000 FF
<b>2014-2016 Total</b>				<b>9,420,000</b>	<b>5,820,000</b>	<b>3,600,000</b>
<b>Grand Total</b>				<b>28,025,000</b>	<b>17,225,000</b>	<b>10,800,000</b>

**Explanation of Acronyms**

KNW: Kenworth  
PACE: Purchase of Agriculture Conservation Easements

**Department of Education**

**Projects involving the General Fund (Cash/Bonds)**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/Source(s)</u>
<b>2010-2012</b>						
1		Miscellaneous Maintenance Pool KDE	C-PI	3,000,000	3,000,000	
2		HVAC Modernization KSD	C-PI	8,500,000	8,500,000	
3		KY Learning Framework	IT	10,000,000	10,000,000	
4		Disaster Recovery Service	IT	3,000,000	3,000,000	
5		Statewide Longitudinal Data System	IT	4,900,000	2,000,000	2,900,000 FF
6		SEEK Application Phase I	IT	800,000	800,000	
7		KEN Phase II	IT	9,200,000	9,200,000	
8		Unified Accounting System Hardware Replacement	IT	4,000,000	4,000,000	
9		Instructional Device Replacement Phase I KDE	EQ	46,400,000	46,400,000	
10		Redevelop & Renovate Campus Phase I KSD	C-O	19,350,000	19,350,000	
11		Redevelop & Renovate Campus Phase I KSB	C-PI	11,351,000	11,351,000	
12		School Facilities Management System KDE	IT	600,000	600,000	
13		Enterprise Data Storage & Virtualization KDE	IT	1,500,000	1,500,000	
14		21st Century Classroom Phase I KDE	IT	82,800,000	82,800,000	
15		Business Inventory/License/Incident Reporting System KDE	IT	800,000	800,000	
<b>2010-2012</b>				<b>206,201,000</b>	<b>203,301,000</b>	<b>2,900,000</b>
<b>2012-2014</b>						
		21st Century Classrooms Phase II KDE	IT	82,800,000	82,800,000	
		Instructional Device Replacement Phase II KDE	EQ	46,400,000	46,400,000	
		KEN Phase III KDE	IT	8,600,000	8,600,000	
		KSIS Accountability Reporting KDE	IT	1,500,000	1,500,000	
		Miscellaneous Maintenance Pool KDE	IT	3,000,000	3,000,000	
		Redevelop & Renovate Campus Phase II KSB	IT	11,783,000	11,783,000	
		Redevelop & Renovate Campus Phase II KSD	IT	11,025,000	11,025,000	
		School Districts Unified Accounting System KDE	IT	30,000,000	30,000,000	
		SEEK Application Phase II KDE	IT	800,000	800,000	
<b>2012-2014 Total</b>				<b>195,908,000</b>	<b>195,908,000</b>	
<b>2014-2016</b>						
		21st Century Classrooms Phase III KDE	IT	82,800,000	82,800,000	
		Instructional Device Replacement Phase III KDE	EQ	46,400,000	46,400,000	
		Miscellaneous Maintenance Pool KDE	C-PI	3,000,000	3,000,000	
		Redevelop & Renovate Campus Phase III KSB	C-PI	12,648,100	12,648,100	
		Redevelop & Renovate Campus Phase III KSD	C-PI	7,568,000	7,568,000	
		SEEK Application Phase III KDE	IT	800,000	800,000	
<b>2014-2016 Total</b>				<b>153,216,100</b>	<b>153,216,100</b>	
<b>Grand Total</b>				<b>555,325,100</b>	<b>552,425,000</b>	<b>2,900,000</b>

**Department of Education (continued)**

**Explanation of Acronyms**

HVAC: Heating, Ventilation, Air Conditioning  
KDE: KY Department of Education  
KEN: KY Education Network  
KSB: KY School for the Blind  
KSD: KY School for the Deaf  
KSYS: KY Student Information System  
SEEK: Support Education Excellence in KY

**NOTE:** The Department of Education is not included in the prioritized listing submitted by the Education & Workforce Development Cabinet

**Department of Military Affairs**

**Projects involving the General Fund (Cash/Bonds)**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
<b>2010-2012</b>						
1		Armory Installation Facility Maintenance Pool	C-PI	7,720,000	7,720,000	
2		Construct Armory Readiness Center Owensboro	C-O	15,000,000	3,750,000	11,250,000 FF
3		Construct Metal Storage Building Boone Center	C-O	650,000	650,000	
4		Construct Field Maintenance Shop Glasgow/Bowling Green	C-O	12,000,000	1,000,000	11,000,000 FF
5		Construct Armory Addition Brandenburg	C-O	4,000,000	1,000,000	3,000,000 FF
6		Construct Armory Addition Leitchfield	C-O	4,000,000	1,000,000	3,000,000 FF
7		Construct Armory Addition Shelbyville	C-O	4,000,000	1,000,000	3,000,000 FF
8		Construct Structural Repairs Harrodsburg Armory	C-PI	600,000	600,000	
9		Construct Structural Repairs Prestonsburg Armory	C-PI	600,000	600,000	
10		Construct Structural Repairs Walton Armory	C-PI	600,000	600,000	
11		DMA Emergency Radio System Maintenance Pool	C-PI	400,000	400,000	
12		Install Interoperable Communication System	IT	976,000	976,000	
13		Upgrade DMA Statewide Radio System	IT	1,500,000	1,500,000	
<b>2010-2012 Total</b>				<b>52,046,000</b>	<b>20,796,000</b>	<b>31,250,000</b>
<b>2012-2014</b>						
		Armory Installation Facility Maintenance Pool	C-PI	9,720,000	9,720,000	
		Construct 500 Seat Auditorium BNGC	C-O	2,500,000	625,000	1,875,000 FF
		Construct Armory Readiness Center Maysville	C-O	12,000,000	3,000,000	9,000,000 FF
		DMA Emergency Radio System Maintenance Pool	C-PI	400,000	400,000	
		Renovate pre-civil war KY Arsenal Museum	C-PI	1,180,000	1,180,000	
<b>2012-2014 Total</b>				<b>25,800,000</b>	<b>14,925,000</b>	<b>10,875,000</b>
<b>2014-2016</b>						
		Armory Installation Facility Maintenance Pool	C-PI	11,720,000	11,720,000	
		Construct Armed Forces Ready Center Madisonville	C-O	7,500,000	1,875,000	5,625,000 FF
		Construct Armed Forces Ready Center Somerset	C-O	7,500,000	1,875,000	5,625,000 FF
		Construct Armory Readiness Center Ashland	C-O	12,000,000	3,000,000	9,000,000 FF
		Construct Armory Readiness Center Barbourville	C-O	12,000,000	3,000,000	9,000,000 FF
		Construct Armory Readiness Center Bardstown	C-O	12,000,000	3,000,000	9,000,000 FF
		Construct Armory Readiness Center Benton	C-O	12,000,000	3,000,000	9,000,000 FF
		Construct Armory Readiness Center Buechel	C-O	12,000,000	3,000,000	9,000,000 FF
		Construct Armory Readiness Center Campbellsville	C-O	12,000,000	3,000,000	9,000,000 FF
		Construct Armory Readiness Center Carlisle	C-O	12,000,000	3,000,000	9,000,000 FF
		Construct Armory Readiness Center Carrollton	C-O	12,000,000	3,000,000	9,000,000 FF
		Construct Armory Readiness Center Central City	C-O	12,000,000	3,000,000	9,000,000 FF
		Construct Armory Readiness Center Cynthiana	C-O	12,000,000	3,000,000	9,000,000 FF
		Construct Armory Readiness Center Danville	C-O	12,000,000	3,000,000	9,000,000 FF
		Construct Armory Readiness Center Elizabethtown	C-O	12,000,000	3,000,000	9,000,000 FF
		Construct Armory Readiness Center Frankfort	C-O	12,000,000	3,000,000	9,000,000 FF
		Construct Armory Readiness Center Glasgow	C-O	12,000,000	3,000,000	9,000,000 FF
		Construct Armory Readiness Center Harlan	C-O	12,000,000	3,000,000	9,000,000 FF
		Construct Armory Readiness Center Harrodsburg	C-O	12,000,000	3,000,000	9,000,000 FF
		Construct Armory Readiness Center Hazard	C-O	12,000,000	3,000,000	9,000,000 FF

**Department of Military Affairs (continued)**

**Projects involving the General Fund (Cash/Bonds)**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>	
		Construct Armory Readiness Center Henderson	C-O	12,000,000	3,000,000	9,000,000	FF
		Construct Armory Readiness Center Jackson	C-O	12,000,000	3,000,000	9,000,000	FF
		Construct Armory Readiness Center Lexington	C-O	12,000,000	3,000,000	9,000,000	FF
		Construct Armory Readiness Center London	C-O	12,000,000	3,000,000	9,000,000	FF
		Construct Armory Readiness Center Louisville	C-O	12,000,000	3,000,000	9,000,000	FF
		Construct Armory Readiness Center Marion	C-O	12,000,000	3,000,000	9,000,000	FF
		Construct Armory Readiness Center Middlesboro	C-O	12,000,000	3,000,000	9,000,000	FF
		Construct Armory Readiness Center Monticello	C-O	12,000,000	3,000,000	9,000,000	FF
		Construct Armory Readiness Center Murray	C-O	12,000,000	3,000,000	9,000,000	FF
		Construct Armory Readiness Center Olive Hill	C-O	12,000,000	3,000,000	9,000,000	FF
		Construct Armory Readiness Center Prestonsburg	C-O	12,000,000	3,000,000	9,000,000	FF
		Construct Armory Readiness Center Ravenna	C-O	12,000,000	3,000,000	9,000,000	FF
		Construct Armory Readiness Center Russellville	C-O	12,000,000	3,000,000	9,000,000	FF
		Construct Armory Readiness Center Springfield	C-O	12,000,000	3,000,000	9,000,000	FF
		Construct Armory Readiness Center Tompkinsville	C-O	12,000,000	3,000,000	9,000,000	FF
		Construct Armory Readiness Center Walton	C-O	12,000,000	3,000,000	9,000,000	FF
		Construct Armory Readiness Center Williamsburg	C-O	12,000,000	3,000,000	9,000,000	FF
		Construct Army Reserve Center Hopkinsville	C-O	7,500,000	1,875,000	5,625,000	FF
		Construct Physical Fitness Center Boone Nat Guard Center	C-O	1,000,000	250,000	750,000	FF
		Construct State Area CMD HQS EXT Frankfort	C-O	12,134,000	3,034,000	9,100,000	FF
		Emergency Radio System Maintenance Pool	C-PI	400,000	400,000		
		<b>2014-2016 Total</b>		<b>455,754,000</b>	<b>123,029,000</b>	<b>332,725,000</b>	
		<b>Grand Total</b>		<b>533,600,000</b>	<b>158,750,000</b>	<b>374,850,000</b>	

**Department of Military Affairs (continued)**

**Projects involving Agency Bonds**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
<b>2010-2012</b>						
		Add Vulnerability Mitigation Bluegrass Station	C-PI	5,000,000		5,000,000
		Construct Consequence Management Support Center Bluegrass Station	C-O	15,000,000		15,000,000
		Construct Fire Station Bluegrass Station	C-O	2,500,000		2,500,000
		Construct General Warehouse Building Bluegrass Station	C-O	3,700,000		3,700,000
		Construct Parts Warehouse at Bluegrass Station	C-O	1,800,000		1,800,000
		Renovate Infrastructure Bluegrass Station Phase II	PI	10,300,000		10,300,000
		Upgrade Bluegrass Station NE Area Infrastructure	PI	5,000,000		5,000,000
		Utilization of Recreation Area Bluegrass Station	PI	750,000		750,000
		<b>2010-2012 Total</b>		<b>44,050,000</b>		<b>44,050,000</b>
<b>2012-2014</b>						
		Construct Exchange Facility Bluegrass Station	C-O	800,000		800,000
		Construct FLRC Warehouse Bluegrass Station	C-O	15,000,000		15,000,000
		Construct Hangar Annex Bluegrass Station	C-O	2,000,000		2,000,000
		Construct Sprinkler Upgrades Bluegrass Station	C-PI	1,500,000		1,500,000
		Construct Warehouse Bluegrass Station	C-O	10,000,000		10,000,000
		Renovate Infrastructure Bluegrass Station Phase III	C-PI	10,000,000		10,000,000
		<b>2012-2014 Total</b>		<b>39,300,000</b>		<b>39,300,000</b>
<b>2014-2016</b>						
		Construct Aircraft Modify Building Bluegrass Station	C-O	7,000,000		7,000,000
		Construct Green Projects Bluegrass Station	C-PI	1,000,000		1,000,000
		Construct New Access Road Bluegrass Station	C-O	1,000,000		1,000,000
		Construct Railroad Network Bluegrass Station	C-O	4,000,000		4,000,000
		Construct Recreation Center Bluegrass Station	C-O	25,000,000		25,000,000
		Demolish Obsolete Structures Bluegrass Station	C-O	1,000,000		1,000,000
		Enhance Fencing Infrastructure Bluegrass Station	C-PI	1,000,000		1,000,000
		<b>2014-2016 Total</b>		<b>40,000,000</b>		<b>40,000,000</b>
		<b>Grand Total</b>		<b>123,350,000</b>		<b>123,350,000</b>

**Department of Military Affairs (continued)**

**Projects NOT involving the General Fund, Road Fund, or Agency Bonds**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
<b>2010-2012</b>						
		Bluegrass Station Facility Maintenance Pool	C-PI	2,000,000		2,000,000 RF
		Construct Admin Building Disney Training Center	C-O	2,420,000		2,420,000 FF
		Construct Armory Readiness Center Burlington	C-O	25,000,000		25,000,000 FF
		Construct Field Maintenance Shop #2 London	C-O	10,000,000		10,000,000 FF
		Construct Field Maintenance Shop #6 Jackson	C-O	10,000,000		10,000,000 FF
		Construct Field Maintenance Shop 1 Conversion	C-O	1,200,000		1,200,000 FF
		Construct Field Maintenance Shop 8 Conversion	C-O	1,200,000		1,200,000 FF
		Construct Field Maintenance Shop Northern KY	C-O	12,000,000		12,000,000 FF
		Construct Fire House Expansion KyANG Louisville	C-O	2,000,000		2,000,000 FF
		Construct Fire Rescue Training Center WHFRTC	C-O	1,032,000		1,032,000 RF
		Construct Joint Forces Ready Center Phase I Frankfort	C-O	9,500,000		9,500,000 FF
		Construct Joint Support Operations Center Phase IV	C-O	1,806,000		1,806,000 FF
		Construct Multi-Purpose Machine Gun Range WHFRTC	C-O	850,000		850,000 FF
		Construct Pole Barns Bluegrass Station	C-O	1,200,000		1,200,000 RF
		Construct Response Group Building KyANG Louisville	C-O	12,600,000		12,600,000 FF
		Construct UTES Wendell Ford Training Site	C-O	12,000,000		12,000,000 FF
		Expand State Emergency Operations Center Frankfort	C-O	16,000,000		16,000,000 FF
		Install Power Generators WH Ford Training Site	C-PI	2,000,000		2,000,000 FF
		<b>2010-2012 Total</b>		<b>122,808,000</b>		<b>122,808,000</b>
<b>2012-2014</b>						
		Bluegrass Station Facility Maintenance Pool	C-PI	2,000,000		2,000,000 RF
		Construct Armory Readiness Center Pikeville	C-O	12,000,000		12,000,000 FF
		Construct Army Aviation Support Facility	C-O	48,000,000		48,000,000 FF
		Construct Joint Forces Ready Center Phase II Frankfort	C-O	10,678,000		10,678,000 FF
		Modification to Military Airfield Runway WHFRTC	C-O	15,000,000		15,000,000 FF
		<b>2012-2014 Total</b>		<b>87,678,000</b>		<b>87,678,000</b>
<b>2014-2016</b>						
		Bluegrass Station Facility Maintenance Pool	C-PI	2,000,000		2,000,000 RF
		Construct Armed Force Ready Center Bowling Green	C-O	7,500,000		7,500,000 FF
		Construct Armory Jt Forces Readiness Fort Knox	C-O	7,020,000		7,020,000 FF
		Construct Combined Support Maintenance Shop Frankfort	C-O	15,000,000		15,000,000 FF
		Construct Field Maintenance Shop Ashland	C-O	6,000,000		6,000,000 FF
		Construct Field Maintenance Shop Louisville	C-O	6,000,000		6,000,000 FF
		Construct Joint Forces Ready Center Phase III Frankfort	C-O	12,000,000		12,000,000 FF
		Construct Phase IX Wendell Ford Training Site	C-O	9,720,000		9,720,000 FF
		Construct Phase VII WHFRTC	C-O	20,000,000		20,000,000 FF
		Construct Phase VIII Wendell Ford Training Site	C-O	9,720,000		9,720,000 FF
		Construct USPFO Building Frankfort	C-O	20,000,000		20,000,000 FF
		Renovate Old AASF for CSMS Building Boone Nat Guard Center	C-O	2,500,000		2,500,000 FF
		<b>2014-2016 Total</b>		<b>117,460,000</b>		<b>117,460,000</b>
		<b>Grand Total</b>		<b>327,946,000</b>		<b>327,946,000</b>

**Department of Veterans Affairs**

**Projects involving the General Fund (Cash/Bonds)**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
<b>2010-2012</b>						
1		Construct Fourth State Veterans Nursing Home	C-O	30,000,000	10,500,000	19,500,000 FF
2		Elevator Project at Thomson Hood Veterans Center	C-PI	2,002,000	700,000	1,302,000 FF
3		Total Vet Net	IT	600,000	600,000	
<b>2010-2012 Total</b>				<b>32,602,000</b>	<b>11,800,000</b>	<b>20,802,000</b>
<b>2012-2014</b>						
		Construct KY Homeless Veterans Shelter	C-O	2,729,000	955,000	1,774,000 FF
<b>2012-2014 Total</b>				<b>2,729,000</b>	<b>955,000</b>	<b>1,774,000</b>
<b>2014-2016</b>						
		Construct KY Veterans Affairs Complex	C-O	6,589,000	6,589,000	
<b>2014-2016 Total</b>				<b>6,589,000</b>	<b>6,589,000</b>	
<b>Grand Total</b>				<b>41,920,000</b>	<b>19,344,000</b>	<b>22,576,000</b>

**Projects NOT involving the General Fund, Road Fund, or Agency Bonds**

<b>2010-2012</b>						
		Western KY Veterans Center Alzheimer's General Care Unit	C-O	2,241,000		2,241,000 RF/FF
<b>2010-2012 Total</b>				<b>2,241,000</b>		<b>2,241,000</b>
<b>Grand Total</b>				<b>2,241,000</b>		<b>2,241,000</b>

**Kentucky Lottery Corporation**

**Projects NOT involving the General Fund, Road Fund, or Agency Bonds**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
<b>2010-2012</b>						
		Contingency on property adjacent to new headquarters	C-PI	4,500,000		4,500,000 OT-P
		Data Processing, Telecomm, & related equipment	IT	6,000,000		6,000,000 OT-P
		Instant Ticket Vending Machines	EQ	2,000,000		2,000,000 OT-P
		Integration with new Online System	IT	1,000,000		1,000,000 OT-P
		Potential Buyout of On-line Gaming System	IT	20,000,000		20,000,000 OT-P
		<b>2010-2012 Total</b>		<b>33,500,000</b>		<b>33,500,000</b>
<b>2012-2014</b>						
		Contingency on property adjacent to new headquarters	C-PI	5,000,000		5,000,000 OT-P
		Data Processing, Telecomm, & related equipment	IT	6,000,000		6,000,000 OT-P
		iSeries System Upgrades	IT	1,400,000		1,400,000 OT-P
		Potential Buyout of On-line Gaming System	IT	20,000,000		20,000,000 OT-P
		<b>2012-2014 Total</b>		<b>32,400,000</b>		<b>32,400,000</b>
<b>2014-2016</b>						
		Contingency on property adjacent to new headquarters	C-PI	5,250,000		5,250,000 OT-P
		Data Processing, Telecomm, & related equipment	IT	6,000,000		6,000,000 OT-P
		Potential Buyout of On-line Gaming System	IT	20,000,000		20,000,000 OT-P
		<b>2014-2016 Total</b>		<b>31,250,000</b>		<b>31,250,000</b>
		<b>Grand Total</b>		<b>97,150,000</b>		<b>97,150,000</b>

**Kentucky Office of Homeland Security**

**Projects involving the General Fund (Cash/Bonds)**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
<b>2010-2012</b>						
1		KY Statewide eWarrants	IT	1,500,000	1,500,000	
		<b>2010-2012 Total</b>		<b>1,500,000</b>	<b>1,500,000</b>	
		<b>Grand Total</b>		<b>1,500,000</b>	<b>1,500,000</b>	

**Kentucky Retirement Systems**

**Projects NOT involving the General Fund, Road Fund, or Agency Bonds**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
<b>2010-2012</b>						
		KRS Line of Business Project	IT	2,700,000		2,700,000 RF
		<b>2010-2012 Total</b>		<b>2,700,000</b>		<b>2,700,000</b>
		<b>Grand Total</b>		<b>2,700,000</b>		<b>2,700,000</b>

**Explanation of Acronyms**

KRS: KY Retirement Systems

**Kentucky River Authority**

**Projects involving the General Fund (Cash/Bonds)**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
<b>2010-2012</b>						
1		Renovate Locks 3 & 4	C-PI	17,000,000	17,000,000	
		<b>2010-2012</b>		<b>17,000,000</b>	<b>17,000,000</b>	
<b>2012-2014</b>						
		Renovate Locks 1 & 2	C-PI	17,000,000	17,000,000	
		<b>2012-2014</b>		<b>17,000,000</b>	<b>17,000,000</b>	
		<b>Grand Total</b>		<b>34,000,000</b>	<b>34,000,000</b>	

**Projects involving Agency Bonds**

<b>2010-2012</b>						
1		Repair Dam 6	C-PI	2,090,000		2,090,000
2		Repair Dam 7	C-PI	2,800,000		2,800,000
3		Repair Dam 8	C-PI	2,680,000		2,680,000
		<b>2010-2012 Total</b>		<b>7,570,000</b>		<b>7,570,000</b>
<b>2012-2014</b>						
		Renovate Dam 10 Construction	C-O	21,455,000		21,455,000
		<b>2012-2014 Total</b>		<b>21,455,000</b>		<b>21,455,000</b>
<b>2014-2016</b>						
		Repair Dam 12	C-PI	3,090,000		3,090,000
		Repair Dam 13	C-PI	3,570,000		3,570,000
		Repair Dams 11 & 14	C-PI	2,820,000		2,820,000
		Repair Dams 4 & 5	C-PI	860,000		860,000
		<b>2014-2016 Total</b>		<b>10,340,000</b>		<b>10,340,000</b>
		<b>Grand Total</b>		<b>39,365,000</b>		<b>39,365,000</b>

**Kentucky Teachers' Retirement System**

**Projects NOT involving the General Fund, Road Fund, or Agency Bonds**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
<b>2010-2012</b>						
		KTRS Office Building	C-PI	3,150,000		3,150,000 RF
		KTRS Pension Management System	IT	1,200,000		1,200,000 RF
		KTRS Pension Management System II	IT	18,450,000		18,450,000 RF
		<b>2010-2012 Total</b>		<b>22,800,000</b>		<b>22,800,000</b>
		<b>Grand Total</b>		<b>22,800,000</b>		<b>22,800,000</b>

**Explanation of Acronyms**

KTRS: KY Teachers' Retirement System

**NOTE:** The KY Teachers' Retirement System is not included in the prioritized listing submitted by the Education & Workforce Development Cabinet.

**School Facilities Construction Commission**

**Projects involving the General Fund (Cash/Bonds)**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
<b>2010-2012</b>						
1		SFCC Bonding Continued 2010	GL	150,000,000	150,000,000	
2		SFCC Targeted Funding 2010	GL	75,000,000	75,000,000	
		<b>2010-2012</b>		<b>225,000,000</b>	<b>225,000,000</b>	
<b>2012-2014</b>						
		SFCC Bonding Continued 2012	GL	116,000,000	116,000,000	
		SFCC Targeted Funding 2012	GL	80,000,000	80,000,000	
		<b>2012-2014 Total</b>		<b>196,000,000</b>	<b>196,000,000</b>	
<b>2014-2016</b>						
		SFCC Bonding Continued 2014	GL	116,000,000	116,000,000	
		SFCC Targeted Funding 2014	GL	80,000,000	80,000,000	
		<b>2014-2016 Total</b>		<b>196,000,000</b>	<b>196,000,000</b>	
		<b>Grand Total</b>		<b>617,000,000</b>	<b>617,000,000</b>	

**NOTE:** The School Facilities Construction Commission is not included in the prioritized listing submitted by the Finance & Administration Cabinet.

**State Treasurer**

**Projects involving the General Fund (Cash/Bonds)**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
<b>2010-2012</b>						
		2 Xerox Check Printers & 2 Fold Sealers	EQ	554,000	554,000	
		<b>2010-2012 Total</b>		<b>554,000</b>	<b>554,000</b>	
		<b>Grand Total</b>		<b>554,000</b>	<b>329,000,000</b>	

**Economic Development Cabinet**

**Projects involving the General Fund (Cash/Bonds)**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/Source(s)</u>
<b>2010-2012</b>						
1		KY Economic Development Finance Authority (KEDFA) Bond	GL	115,000,000	115,000,000	
2		Economic Development Bond (EDB) Program	GL	20,000,000	20,000,000	
3		New Economy High-Tech Construct/Investment Pools	GL	40,000,000	40,000,000	
4		Parking Garage Maintenance	C-PI	4,000,000	4,000,000	
<b>2010-2012 Total</b>				<b>179,000,000</b>	<b>179,000,000</b>	
<b>2012-2014</b>						
		Economic Development Bond (EDB) Program	GL	20,000,000	20,000,000	
		KY Economic Development Finance Authority (KEDFA) Bond	GL	15,000,000	15,000,000	
		New Economy High-Tech Construct/Investment Pools	GL	40,000,000	40,000,000	
<b>2012-2014 Total</b>				<b>75,000,000</b>	<b>75,000,000</b>	
<b>2014-2016</b>						
		Economic Development Bond (EDB) Program	GL	20,000,000	20,000,000	
		KY Economic Development Finance Authority (KEDFA) Bond	GL	15,000,000	15,000,000	
		New Economy High-Tech Construct/Investment Pools	GL	40,000,000	40,000,000	
<b>2014-2016 Total</b>				<b>75,000,000</b>	<b>75,000,000</b>	
<b>Grand Total</b>				<b>329,000,000</b>	<b>329,000,000</b>	

**Explanation of Acronyms**

EDB: Economic Development Bond  
 KEDFA: KY Economic Development Finance Authority

**Education & Workforce Development Cabinet**

**Projects involving the General Fund (Cash/Bonds)**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/Source(s)</u>
<b>2010-2012</b>						
1	1	DWI Miscellaneous Maintenance Pool	C-PI	1,657,000	1,657,000	
2	1	KET Facility Maintenance Pool	C-PI	800,000	800,000	
3	2	EPSB Online Certification & Integration	IT	1,700,000	1,700,000	
4	1	KDLA Expand the Libraries & Archives Building	C-O	11,147,000	11,147,000	
5	4	DWI HVAC Replacement Pool OET Facilities	C-PI	1,210,000	1,210,000	
6	2	KET IT/Business Network Infrastructure	IT	800,000	800,000	
7	1	EPSB Technology Infrastructure Upgrades	IT	800,000	800,000	
8	2	KDLA Upgrade IT Infrastructure	IT	1,103,000	1,103,000	
9	2	DWI Barrier Removal Pool ADA 2010-12	C-PI	824,000	824,000	
10	3	EPSB Educator Prep System	IT	1,500,000	1,500,000	
11	3	KET Digital Conversion Phase III	IT	4,085,000	4,085,000	
12	5	DWI Roof Replacement Pool OET Facilities	C-PI	330,000	330,000	
13	6	DWI Install Fire Alarm Sprinkler System Phase I OET	C-PI	1,104,000	1,104,000	
14	7	DWI Renovate Dorms Phase I Perkins Rehab	C-PI	1,032,000	1,032,000	
15	8	DWI Upgrade Electrical Systems OET Facilities	C-PI	559,000	559,000	
16	4	KET Digital Maintenance Pool	IT	1,000,000	1,000,000	
17	1	SEC KEN Expansion 10-12	IT	6,000,000	6,000,000	
18	2	SEC Telelearning 10-12	IT	4,000,000	4,000,000	
19	2	DWI Mainframe to Oracle Migration	IT	2,500,000	2,500,000	
20	9	DWI Replace Elevators Perkins Rehab	C-PI	494,000	494,000	
<b>2010-2012 Total</b>				<b>42,645,000</b>	<b>42,645,000</b>	
<b>2012-2014</b>						
		DWI Barrier Removal Pool ADA	C-PI	717,000	717,000	
		DWI HVAC Replacement Pool OET Facilities	C-PI	1,407,000	1,407,000	
		DWI Infrastructure Upgrades	IT	750,000	750,000	
		DWI Install Fire Alarm Sprinkler System Phase II OET Facilities	C-PI	806,000	806,000	
		DWI Miscellaneous Maintenance Pool 2012 Education Cabinet	C-PI	1,020,000	1,020,000	
		DWI Renovate Dorms Phase II Perkins Rehab	C-PI	1,050,000	1,050,000	
		DWI Repair Exterior Hopkinsville OET	C-PI	903,000	903,000	
		DWI Repair Exterior Louisville OET	C-PI	778,000	778,000	
		DWI Roof Replacement Pool OET Facilities	C-PI	431,000	431,000	
		KET Digital Infrastructure Maintenance Pool	IT	4,000,000	4,000,000	
		KET Facility Maintenance Pool	C-PI	800,000	800,000	
		KET Louisville Digital Conversion	IT	5,000,000	5,000,000	
		SEC KEN Expansion 12-14	IT	2,250,000	2,250,000	
		SEC Tele Learning 12-14	IT	1,500,000	1,500,000	
<b>2012-2014 Total</b>				<b>21,412,000</b>	<b>21,412,000</b>	
<b>2014-2016</b>						
		DWI Barrier Removal Pool ADA 2014-16	C-PI	483,000	483,000	
		DWI HVAC Replacement Pool 2014-16 OET Facilities	C-PI	378,000	378,000	
		DWI KEN Regional Optical Backbone Network	IT	1,500,000	1,500,000	
		DWI Miscellaneous Maintenance Pool 2014 Education Cabinet	C-PI	1,723,000	1,723,000	

**Education & Workforce Development Cabinet**

**Projects involving the General Fund (Cash/Bonds)**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/Source(s)</u>
		DWI Renovate Dorms Phase III Perkins Rehab	C-PI	832,000	832,000	
		DWI Repair Exterior Perkins Rehab	C-PI	850,000	850,000	
		DWI Upgrade Plumbing Systems OET Facilities	C-PI	536,000	536,000	
		KET Digital Infrastructure Maintenance Pool	IT	4,000,000	4,000,000	
		KET Facility Maintenance Pool	C-PI	800,000	800,000	
		SEC KEN Expansion 14-16	IT	750,000	750,000	
		SEC Tele Learning 14-16	IT	1,000,000	1,000,000	
		<b>2014-2016 Total</b>		<b>12,852,000</b>	<b>12,852,000</b>	
		<b>Grand Total</b>		<b>76,909,000</b>	<b>76,909,000</b>	

**Explanation of Acronyms**

- ADA: Americans with Disabilities Act
- DWI: Department for Workforce Investment
- EPSB: Education Professional Standards Board
- HVAC: Heating, Ventilation, Air Conditioning
- KDLA: KY Department for Libraries & Archives
- KEN: KY Education Network
- KET: KY Educational Television
- OET: Office of Employment & Training
- SEC: Office of the Secretary

**Energy & Environment Cabinet**

**Projects involving the General Fund (Cash/Bonds)**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
<b>2010-2012</b>						
1		Mine Safety, Licensing, & Mapping Application	IT	965,000	965,000	
2		Paper Shredder	EQ	285,600	285,600	
3		State-Owned Dam Repair	C-PI	4,000,000	4,000,000	
4		Maintenance Pool for Cabinet Owned Facilities (EEC)	C-O	1,185,000	1,185,000	
5		Wildland Fire Suppression Equipment	EQ	6,200,000	6,200,000	
6		Replenish Soils at John Rhody & Morgan County Nursery (EEC)	C-O	710,000	710,000	
7		Maxey Flats Cap (Final Closure Period)	C-PI	27,520,000	11,220,000	16,300,000 OT-P
8		KY Heritage Land Conservation Fund (Add'l)	C-PI	8,000,000	6,000,000	2,000,000 FF
<b>2010-2012 Total</b>				<b>48,865,600</b>	<b>30,565,600</b>	<b>18,300,000</b>
<b>2012-2014</b>						
		Acquire & Construct a New Tree Nursery	C-O	6,028,000	6,028,000	
		KY Heritage Land Conservation Fund (Add'l)	C-O	8,000,000	6,000,000	2,000,000 FF
		Maintenance Pool for Cabinet-Owned Facilities	C-PI	200,000	200,000	
<b>2012-2014 Total</b>				<b>14,228,000</b>	<b>12,228,000</b>	<b>2,000,000</b>
<b>2014-2016</b>						
		KY Heritage Land Conservation Fund (Add'l)	C-O	8,000,000	5,000,000	3,000,000 RF/FF
		Maintenance Pool for Cabinet-Owned Facilities	C-PI	200,000	200,000	
<b>2014-2016 Total</b>				<b>8,200,000</b>	<b>5,200,000</b>	<b>3,000,000</b>
<b>Grand Total</b>				<b>71,293,600</b>	<b>47,993,600</b>	<b>23,300,000</b>

**Energy & Environment Cabinet (continued)**

**Projects NOT involving the General Fund, Road Fund, or Agency Bonds**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
<b>2010-2012</b>						
		Hazardous Waste Management Fund	C-PI	4,200,000	4,200,000	RF
		State-Funded Leaking Underground Storage Tanks (Add'l)	C-PI	1,000,000	1,000,000	RF
		<b>2010-2012 Total</b>		<b>5,200,000</b>	<b>5,200,000</b>	
<b>2012-2014</b>						
		Hazardous Waste Management Fund	C-PI	4,200,000	4,200,000	RF
		State-Funded Leaking Underground Storage Tanks (Add'l)	C-PI	1,000,000	1,000,000	RF
		<b>2012-2014 Total</b>		<b>5,200,000</b>	<b>5,200,000</b>	
<b>2014-2016</b>						
		Hazardous Waste Management Fund	C-PI	4,200,000	4,200,000	RF
		State-Funded Leaking Underground Storage Tanks (Add'l)	C-PI	1,000,000	1,000,000	RF
		<b>2014-2016 Total</b>		<b>5,200,000</b>	<b>5,200,000</b>	
		<b>Grand Total</b>		<b>15,600,000</b>	<b>15,600,000</b>	

**Explanation of Acronyms**

EEC: Energy & Environment Cabinet

**Finance & Administration Cabinet**

**Projects involving the General Fund (Cash/Bonds)**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
<b>2010-2012</b>						
1	1	FSS Emergency Repair, Maintenance, & Replacement Fund	C-PI	12,500,000	12,500,000	
2	2	FSS Capital Construction & Equipment Purchase Contingency Fund	C-PI	12,500,000	12,500,000	
3	3	FSS Miscellaneous Maintenance Pool	C-PI	8,000,000	8,000,000	
4	4	FSS Maintenance Pool Statewide Deferred	C-PI	12,500,000	12,500,000	
5	1	DOR CTS Implementation, Support, Maintenance	IT	4,500,000	4,500,000	
6	5	FSS Capitol & Capitol Annex Terrace Repairs	C-PI	2,518,000	2,518,000	
7	6	DOR Modernized E-file	EQ	1,500,000	1,500,000	
8	2	DOR Modernized Front End	IT	2,700,000	2,700,000	
9	3	DOR Cigarette Excise Tax Filing & Reporting	IT	1,200,000	1,200,000	
10	6	FSS Halon System Replacement	C-PI	1,500,000	1,500,000	
11	7	FSS Renewal of the Capital Plaza Complex	C-O	82,920,000	82,920,000	
12	4	DOR Tax Roll Assessment & Certification	IT	1,150,000	1,150,000	
13	8	FSS Renovate 3rd Floor for Archival Space L&A	C-PI	620,000	620,000	
14	9	FSS Statewide Roof Repair/Replacement	C-PI	750,000	750,000	
15	11	FSS Repair Site Infrastructure Capital Plaza Complex	C-PI	2,500,000	2,500,000	
16	12	FSS Upgrade Data Center Readiness	C-PI	6,000,000	6,000,000	
17	13	FSS Parking Garage Repairs Various	C-PI	5,162,000	5,162,000	
18	5	DOR MFE Scanner Replacement	EQ	1,500,000	1,500,000	
19	14	FSS Upgrade Capitol Campus	C-PI	4,500,000	4,500,000	
20	15	FSS Upgrade L&N Building	C-PI	4,375,000	4,375,000	
21	16	FSS Chiller Replacement/Rebuild Various	C-PI	500,000	500,000	
22	17	FSS Replace VAV's at Central Lab	C-PI	5,000,000	5,000,000	
23	18	FSS Renovate Interior/Exterior Old Capitol/Capitol Annex	C-PI	2,500,000	2,500,000	
24	19	FSS Historic Properties Preservation	C-PI	450,000	450,000	
25	20	FSS Modernize Elevator & Miscellaneous Escalator Upgrades	C-PI	1,500,000	1,500,000	
26	21	FSS Restore Scagliola in Capitol	C-PI	600,000	600,000	
27	22	FSS Enhance Electronic Security	C-PI	1,000,000	1,000,000	
28	7	DOR Replace Mail Opening Equipment	EQ	850,000	850,000	
29	23	FSS Emergency Generator Replacement	C-PI	500,000	500,000	
30	24	FSS Acquire Land/Demolish Structures Statewide	C-PI	7,500,000	7,500,000	
31	25	FSS Air Handler Replacement	C-PI	500,000	500,000	
32	26	FSS Statewide Parking Lot Improvement	C-PI	300,000	300,000	
33	27	FSS Capitol Landscaping	C-PI	1,200,000	1,200,000	
34	28	FSS Design Sower Boulevard Office Complex #1	C-O	5,225,000	5,225,000	
35	29	FSS Automated Building Controls Upgrade	C-PI	1,000,000	1,000,000	
<b>2010-2012 Total</b>				<b>197,520,000</b>	<b>197,520,000</b>	

**Finance & Administration Cabinet (continued)**

**Projects involving the General Fund (Cash/Bonds)**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
<b>2012-2014</b>						
		FSS Construct Capitol Annex Addition & Renovation	C-PI	92,170,000	92,170,000	
		FSS Construct Sower Boulevard Office Complex #1	C-O	91,083,000	91,083,000	
		FSS Design Capitol Annex Addition & Renovation	C-PI	4,265,000	4,265,000	
		FSS Design Completion of Capitol Restoration	C-PI	3,429,000	3,429,000	
		FSS Emergency Repair, Maintenance, & Replacement Fund	C-PI	12,500,000	12,500,000	
		FSS Historic Properties Preservation	C-PI	300,000	300,000	
		FSS Maintenance Pool Statewide Deferred	C-PI	12,500,000	12,500,000	
		FSS Miscellaneous Maintenance Pool 2012-2014	C-PI	8,000,000	8,000,000	
		FSS Renewal of the Capital Plaza Complex	C-O	73,006,000	73,006,000	
		FSS Replace VAV's at Central Lab	C-PI	5,000,000	5,000,000	
		FSS Statewide Parking Lot Improvement	C-PI	450,000	450,000	
		FSS Statewide Roof Repair/Replacement	C-PI	750,000	750,000	
		FSS Surplus Properties HVAC Upgrade	C-PI	600,000	600,000	
		FSS Upgrade Capitol Campus 12-14	C-PI	5,500,000	5,500,000	
		DOR CTS Implementation Support & Maintenance	IT	5,000,000	5,000,000	
		<b>2012-2014 Total</b>		<b>314,553,000</b>	<b>314,553,000</b>	
<b>2014-2016</b>						
		FSS Acquire Land/Demolish Structures Statewide	C-PI	7,500,000	7,500,000	
		FSS Capital Construct & Equipment Purchase Contingency Fund	C-PI	12,500,000	12,500,000	
		FSS Capitol Monument Park	C-PI	350,000	350,000	
		FSS Construct Restoration/Renovation Capitol	C-PI	110,031,000	110,031,000	
		FSS Emergency Repair, Maintenance, & Replacement Fund	C-PI	12,500,000	12,500,000	
		FSS Maintenance Pool Statewide Deferred	C-PI	12,500,000	12,500,000	
		FSS Miscellaneous Maintenance Pool 2014-2016	C-PI	8,000,000	8,000,000	
		FSS Upgrade Capitol Campus 14-16	C-PI	4,000,000	4,000,000	
		FSS Upgrade CHR/HSB Campus	C-PI	1,000,000	1,000,000	
		<b>2014-2016 Total</b>		<b>168,381,000</b>	<b>168,381,000</b>	
		<b>Grand Total</b>		<b>701,604,000</b>	<b>701,604,000</b>	

**Finance & Administration Cabinet (continued)**

**Projects NOT involving the General Fund, Road Fund, or Agency Bonds**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
<b>2010-2012</b>						
		COT Enterprise Application Infrastructure 2010-2012	IT	800,000		800,000 RF
		COT Enterprise Cyber Security & Identity Management	IT	4,500,000		4,500,000 RF
		COT Enterprise Data Center Upgrade 2010-2012	IT	2,000,000		2,000,000 RF
		COT Enterprise GIS Software & Imaging Upgrade	IT	3,284,000		3,284,000 RF/FF
		COT Enterprise Infrastructure Upgrade 2010-2012	IT	9,400,000		9,400,000 RF
		COT Public Safety Commission Infrastructure KEWS Maintenance	IT	600,000		600,000 RF
		OAS Barcoder Postal	EQ	400,000		400,000 RF
		Guaranteed Energy Savings Performance Contracts	C-PI	50,000,000		50,000,000 OT-LTF
		<b>2010-2012 Total</b>		<b>70,984,000</b>		<b>70,984,000</b>
<b>2012-2014</b>						
		COT Enterprise Application Infrastructure 2012-2014	IT	1,000,000		1,000,000 RF
		COT Enterprise Cyber Security & Identity Management	IT	3,000,000		3,000,000 RF
		COT Enterprise Data Center Upgrade 2012-2014	IT	1,000,000		1,000,000 RF
		COT Enterprise GIS Software & Imaging Upgrade	IT	3,284,000		3,284,000 RF/FF
		COT Enterprise Infrastructure Upgrade 2012-2014	IT	9,400,000		9,400,000 RF
		COT Public Safety Commission Infrastructure KEWS Maintenance	IT	600,000		600,000 RF
		Guaranteed Energy Savings Performance Contracts	C-PI	50,000,000		50,000,000 OT-LTF
		<b>2012-2014 Total</b>		<b>68,284,000</b>		<b>68,284,000</b>
		COT Enterprise Application Infrastructure 2014-2016	IT	1,000,000		1,000,000 RF
		COT Enterprise Cyber Security & Identity Management	IT	3,000,000		3,000,000 RF
		COT Enterprise Data Center Upgrade 2014-2016	IT	1,000,000		1,000,000 RF
		COT Enterprise GIS Software & Imaging Upgrade	IT	3,284,000		3,284,000 RF/FF
		COT Enterprise Infrastructure Upgrade 2014-2016	IT	9,400,000		9,400,000 RF
		COT Public Safety Commission Infrastructure KEWS Maintenance	IT	600,000		600,000 RF
		Guaranteed Energy Savings Performance Contracts	C-PI	50,000,000		50,000,000 OT-LTF
		<b>2014-2016 Total</b>		<b>68,284,000</b>		<b>68,284,000</b>
		<b>Grand Total</b>		<b>207,552,000</b>		<b>207,552,000</b>

**Explanation of Acronyms**

- CHR: Cabinet for Human Resources
- COT: Commonwealth Office of Technology
- CTS: Comprehensive Tax System
- DOR: Department of Revenue
- FSS: Department for Facilities & Support Services
- HVAC: Heating, Ventilation, Air Conditioning
- KEWS: KY Emergency Warning System

**Health & Family Services Cabinet**

**Projects involving the General Fund (Cash/Bonds)**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
<b>2010-2012</b>						
1		Maintenance Pool	C-PI	11,826,000	11,826,000	
2		Replacement of Glasgow State Nursing Facility	C-PI	20,000,000	20,000,000	
3		BHDID Facility Information System Phase I	IT	10,200,000	10,200,000	
4		Sprinkle/Renovate WSNF	C-PI	6,985,408	6,985,408	
5		Upgrade Electrical & Emergency Power WSH	C-PI	7,970,000	7,970,000	
6		Renovate Cottages & Clinic Oakwood	C-PI	15,480,000	15,480,000	
7		Renovate Unit 3 West Hazelwood	C-PI	1,840,000	1,840,000	
8		Network Infrastructure Upgrade Phase II	IT	6,750,000	6,750,000	
9		KASES Child Support System	IT	85,076,000	28,926,000	56,150,000 FF
10		Support for Health & Welfare	IT	220,908,000	72,900,000	148,008,000 FF
11		Laboratory Newborn Screening Equipment DPH	EQ	765,000	765,000	
12		KY Automated Vital Statistics Information System	IT	18,500,000	18,500,000	
13		Guardianship System Modification	IT	900,000	900,000	
14		BHDID Facility Information System Phase II	IT	10,200,000	10,200,000	
15		Environmental Health Management System	IT	1,064,000	1,064,000	
16		Renovate Elks Building Hazelwood	C-PI	16,375,000	16,375,000	
17		Replace Elevator Building 63 WSH	C-PI	850,000	850,000	
18		Laboratory Equipment DPH	EQ	514,000	514,000	
19		Upgrade Electrical System Hill & Marshall HZLD	C-PI	2,040,000	2,040,000	
20		WSH Sprinkler System/Ward Renovate (Add'l)	C-O	5,268,000	5,268,000	
21		Local Health Department Data Management System Phase I	IT	2,100,000	2,100,000	
22		Local & District Health Department Infrastructure Pool	C-PI	20,100,000	20,100,000	
<b>2010-2012 Total</b>				<b>465,711,408</b>	<b>261,553,408</b>	<b>204,158,000</b>
<b>2012-2014</b>						
		Laboratory Equipment DPhase	EQ	784,000	784,000	
		Local Health Department Data Management System Phase II	IT	40,000,000	40,000,000	
		Maintenance Pool	C-PI	10,686,000	10,686,000	
		Network Infrastructure Upgrade Phase III	IT	4,300,000	4,300,000	
		Renovate 3 Units Hazelwood	C-PI	3,550,000	3,550,000	
		Renovate Cottages Oakwood	C-PI	17,218,000	17,218,000	
		Repavement of Roads & Parking Lots ESH	C-PI	795,000	795,000	
		Replace Chiller ESH	C-PI	2,220,000	2,220,000	
		Replace Windows Buildings 30, 48, 51, & 56-63 WSH	C-PI	4,520,000	4,520,000	
		Sprinkle/Renovate Buildings 57 & 58 WSH	C-PI	9,702,000	9,702,000	
		Upgrade Mechanical Lines WSH	C-PI	2,016,000	2,016,000	
<b>2012-2014 Total</b>				<b>95,791,000</b>	<b>95,791,000</b>	

**Health & Family Services Cabinet (continued)**

**Projects involving the General Fund (Cash/Bonds)**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
<b>2014-2016</b>						
		Construct Forensic Hospital Complex KCPC	C-O	61,963,000	61,963,000	
		Laboratory Equipment DPhase	EQ	1,274,000	1,274,000	
		Maintenance Pool	C-PI	3,867,000	3,867,000	
		Renovate Cottages Oakwood	C-PI	17,802,000	17,802,000	
		Renovate the Administration Building ESH	C-PI	3,312,000	3,312,000	
		Repair Structure McGowan Building ESH	C-PI	692,000	692,000	
		Replace Generator/Gear Transfer System ESH	C-PI	1,500,000	1,500,000	
		Replace HVAC System Building 58 ESH	C-PI	4,800,000	4,800,000	
		Replace Telephone Cabling System WSH	C-PI	1,200,000	1,200,000	
		Sprinkle/Renovate Buildings 55 & 56 WSH	C-PI	9,702,000	9,702,000	
		Upgrade Electrical Central State ICF/MR	C-PI	4,000,000	4,000,000	
		Upgrade Fire Alarm EHS	C-PI	4,200,000	4,200,000	
		<b>2014-2016 Total</b>		<b>114,312,000</b>	<b>114,312,000</b>	
		<b>Grand Total</b>		<b>675,814,408</b>	<b>471,656,408</b>	<b>204,158,000</b>

**Projects NOT involving the General Fund, Road Fund, or Agency Bonds**

<b>2014-2016</b>						
		Upgrade Energy Efficiency Buildings 50 & 61 ESH	C-PI	9,624,000		9,624,000 OT-LTF
		<b>2014-2016 Total</b>		<b>9,624,000</b>		<b>9,624,000</b>
		<b>Grand Total</b>		<b>9,624,000</b>		<b>9,624,000</b>

**Explanation of Acronyms**

- BHDID: Behavioral Health Developmental and Intellectual Disabilities
- DPH: Department of Public Health
- ESH: Eastern State Hospital
- HVAC: Heating, Ventilation, Air Conditioning
- ICF/MR: Intermediate Care Facility for Mental Retardation
- KASES: KY Automated Support & Enforcement System
- KCPC: KY Correctional Psychiatric Center
- WSH: Western State Hospital
- WSNF: Western State Nursing Facility

**Justice & Public Safety Cabinet**

**Projects involving the General Fund (Cash/Bonds)**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/Source(s)</u>
<b>2010-2012</b>						
1	1	Construct Medical Examiner Office/Jefferson Lab	C-O	17,400,000	17,400,000	
2	1	Renovate, Upgrade, Replace Electrical Lines KSR	C-PI	4,159,000	4,159,000	
3	1	DSP Construct KY State Police Training Center	C-O	30,175,000	30,175,000	
4	1	DJJ Miscellaneous Maintenance Pool	C-PI	1,200,000	1,200,000	
5	4	DOC Dorms Security Improvements NTC	C-O	4,045,000	4,045,000	
6	2	DOC Renovate Old Hospital Building NTC	C-O	14,296,000	14,296,000	
7	2	DSP Information System Infrastructure Upgrade	IT	7,200,000	7,200,000	
8	3	DOC Expand Elliott County Phase II Med. Sec.	C-O	41,311,000	41,311,000	
9	3	DSP Replace/Upgrade Mobile Data Computers	IT	2,000,000	2,000,000	
10	3	Settlement Remediation Laurel RJDC	C-PI	1,650,000	1,650,000	
11	5	Install Emergency Generators KCIW, LLCC, NTC, GRCC	EQ	8,831,000	8,831,000	
12	4	DSP Miscellaneous Maintenance Pool	C-PI	2,000,000	2,000,000	
13	4	DJJ Construct Secure Juvenile Detention Facility W KY	C-O	11,719,000	11,719,000	
14	6	DOC Miscellaneous Maintenance Pool 2010-2012	C-PI	5,891,000	5,891,000	
15	5	Aircraft Maintenance Pool	EQ	1,600,000	1,600,000	
16	5	DJJ Network Upgrade/Unified Communications	IT	852,000	852,000	
17	6	DSP KYOPS Enhancement	IT	2,000,000	2,000,000	
18	6	DJJ Replace Bluegrass YDC/CLEP Facilities	C-O	12,197,000	12,197,000	
19	7	DOC Electronic Offender Management System Phase II	IT	4,000,000	4,000,000	
20	7	DSP Replace AFIS Livescan Equipment	IT	3,200,000	3,200,000	
21	8	Replace Roof Main Building EKCC	C-PI	5,410,000	5,410,000	
22	8	DSP KY Interoperability Plan	IT	2,000,000	2,000,000	
23	9	Replace Food Service Roof KSR	C-PI	1,351,000	1,351,000	
24	9	DSP Renovate Information Services Building	C-O	2,000,000	2,000,000	
25	10	Upgrade HVAC & Install Chiller LLCC	C-PI	3,628,000	3,628,000	
26	10	Purchase a Scanning Electron Microscope	EQ	290,000	290,000	
27	11	DOC Install Stun Fences NTC, LLCC, RCC	C-O	1,200,000	1,200,000	
28	11	Purchase Time of Flight LC/MSD	EQ	270,000	270,000	
29	12	Install Security Cameras GRCC, KSP, KSR, NTC, WK	EQ	2,050,000	2,050,000	
30	12	DSP Construct a New Harlan State Police Post	C-O	4,000,000	4,000,000	
31	13	DOC IT Capital Replacement Cycle Phase I	IT	2,317,000	2,317,000	
32	13	DSP Construct a New Richmond State Police Post	C-O	4,000,000	4,000,000	
33	14	DOC Design New KY State Penitentiary Complex	C-O	7,460,000	7,460,000	
34	15	DSP Construct a New Columbia State Police Post	C-O	4,000,000	4,000,000	
35	16	DSP Construct New Bowling Green Post	C-O	4,000,000	4,000,000	
36	17	DSP Construct a New Frankfort State Police Post	C-O	4,000,000	4,000,000	
37	18	DSP Construct New Ashland State Police Post & Lab	C-O	5,949,000	5,949,000	
38	19	DSP Construct Pikeville Post Addition	C-O	2,404,000	2,404,000	
39	20	DSP Construct a New Western Lab	C-O	5,000,000	5,000,000	
40	21	DSP Construct a New Southeastern Laboratory	C-O	2,750,000	2,750,000	
41	22	DSP Computerized Criminal History	IT	600,000	600,000	
42	23	DSP Infrared/Day Camera & Microwave Downlink	EQ	375,000	375,000	
43	24	DSP Replace Transport Aircraft King Air 200	EQ	5,500,000	5,500,000	
44	25	DSP Replacement of 1983 Bell 206L3	EQ	2,000,000	2,000,000	
45	26	DSP Replacement of 1968 MD 369A/OH-6A Aircraft	EQ	2,000,000	2,000,000	
<b>2010-2012 Total</b>				<b>250,280,000</b>	<b>250,280,000</b>	

**Justice & Public Safety Cabinet (continued)**

**Projects involving the General Fund (Cash/Bonds)**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
<b>2012-2014</b>						
		DOC Construct 256 Secure/Wet Cells RCC	C-O	16,304,000	16,304,000	
		DOC Construct Food Service Building KSR	C-O	13,090,000	13,090,000	
		DOC Create IT Capital Replacement Cycle Phase II	IT	2,554,000	2,554,000	
		DOC Install Security Cameras BCC, BCFC, EKCC, LLCC, RCC	EQ	1,716,000	1,716,000	
		DOC Miscellaneous Maintenance Pool 2012-2014	C-PI	4,108,000	4,108,000	
		DOC Renovate Main Building KCIW	C-PI	1,100,000	1,100,000	
		DOC Replace Roof Housing Unit No. 2 RCC	C-PI	812,000	812,000	
		DOC Replace Roof Housing Unit One EKCC	C-PI	1,015,000	1,015,000	
		DOC Replace Roof Housing Unit Two EKCC	C-PI	1,014,000	1,014,000	
		DOC Replace Roof Recreational Building/Educational KCIW	C-PI	1,144,000	1,144,000	
		DJJ Abate & Demolish Re-Ed Buildings at Bluegrass	C-PI	600,000	600,000	
		DJJ Construct New Kitchen at Bluegrass YDC	C-O	915,000	915,000	
		DJJ Construct New Multi-Ed Building for Bluegrass YDC	C-O	1,410,000	1,410,000	
		DJJ Miscellaneous Maintenance Pool	C-PI	1,200,000	1,200,000	
		DSP Aircraft Maintenance Pool	EQ	1,600,000	1,600,000	
		DSP Construct a New Northern Laboratory	C-O	2,750,000	2,750,000	
		DSP Information Systems Infrastructure Upgrade	IT	1,000,000	1,000,000	
		DSP Miscellaneous Maintenance Pool	C-O	2,000,000	2,000,000	
		DSP Replacement of 1968 MD 369A/OH-6A Helicopter	EQ	2,000,000	2,000,000	
		Medical Examiner's Office Fort Thomas	C-O	4,350,000	4,350,000	
		<b>2012-2014 Total</b>		<b>60,682,000</b>	<b>60,682,000</b>	
<b>2014-2016</b>						
		DOC Connect to Metropolitan Sewer Dist KCIW	C-PI	1,650,000	1,650,000	
		DOC Construct 256 Secure/Wet Cells NTC	C-O	18,342,000	18,342,000	
		DOC Construct 256 Secure/Wet Cells KSR	C-O	18,342,000	18,342,000	
		DOC Construct KY State Penitentiary Complex	C-O	159,210,000	159,210,000	
		DOC Create IT Capital Replacement Cycle Phase III	IT	2,816,000	2,816,000	
		DOC Demolition of Segregation Unit KSR	C-O	620,000	620,000	
		DOC Install High Mast Lighting KSR	EQ	601,000	601,000	
		DOC Install Security Cameras FCDC, KCIW, LSCC	EQ	1,165,000	1,165,000	
		DOC Miscellaneous Maintenance Pool 2014-2016	C-O	4,822,000	4,822,000	
		DOC Upgrade Electronic Security GRCC	C-PI	1,200,000	1,200,000	
		DJJ Add 12 Beds to McCracken RJDC	C-O	792,000	792,000	
		DJJ Add 20 Beds Owensboro TC	C-O	3,150,000	3,150,000	
		DJJ Add Classrooms at Lake Cumberland YDC	C-O	924,000	924,000	
		DJJ Add Classrooms at Northern KY YDC	C-O	884,000	884,000	
		DJJ Construct 4 New Group Homes on DJJ Campuses	C-O	3,520,000	3,520,000	
		DJJ Construct New Secure Juvenile Detention Facility	C-O	17,500,000	17,500,000	
		DJJ Miscellaneous Maintenance Pool	C-PI	1,400,000	1,400,000	
		DJJ Renovate Kitchen Lake Cumberland YDC	C-O	883,000	883,000	
		DJJ Repairs to Exterior Campbell RJDC	C-PI	974,000	974,000	
		DJJ Upgrade HVAC & Interior Renovation Louisville DT	C-PI	1,100,000	1,100,000	
		DJJ Upgrade Security Systems Facilities Statewide	C-PI	3,035,000	3,035,000	
		DSP Aircraft Maintenance Pool	EQ	1,600,000	1,600,000	
		DSP Construct Morehead Post Extension	C-O	475,000	475,000	

**Justice & Public Safety Cabinet (continued)**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
		DSP Miscellaneous Maintenance Pool	C-O	2,000,000	2,000,000	
		<b>2014-2016 Total</b>		<b>247,005,000</b>	<b>247,005,000</b>	
		<b>Grand Total</b>		<b>557,967,000</b>	<b>557,967,000</b>	

**Projects involving Agency Bonds**

<b>2010-2012</b>						
1		DOC Replace Underground Steam & Condensate Lines EKC	C-PI	1,300,000		1,300,000
		<b>2010-2012 Total</b>		<b>1,300,000</b>		<b>1,300,000</b>
<b>2014-2016</b>						
		DCJT Public Safety Multi-Purpose Training Facility	C-O	17,232,000		17,232,000
		<b>2014-2016 Total</b>		<b>17,232,000</b>		<b>17,232,000</b>
		<b>Grand Total</b>		<b>18,532,000</b>		<b>18,532,000</b>

**Projects NOT involving the General Fund, Road Fund, or Agency Bonds**

<b>2010-2012</b>						
		Equipment Project	EQ	202,000		202,000 RF
		Information Technology Project	IT	620,000		620,000 RF
		Miscellaneous Maintenance Projects	C-O	600,000		600,000 RF
		<b>2010-2012 Total</b>		<b>1,422,000</b>		<b>1,422,000</b>
<b>2012-2014</b>						
		Miscellaneous Maintenance Projects	C-O	630,000		630,000 RF
		<b>2012-2014 Total</b>		<b>630,000</b>		<b>630,000</b>
<b>2014-2016</b>						
		Miscellaneous Maintenance Projects	C-O	662,000		662,000 RF
		<b>2014-2016 Total</b>		<b>662,000</b>		<b>662,000</b>
		<b>Grand Total</b>		<b>2,714,000</b>		<b>2,714,000</b>

**Explanation of Acronyms**

AFIS:	Automated Fingerprint Identification System	KCIW:	KY Correctional Institution for Women
CLEP:	Cadet Leadership Education Program	KSP:	KY State Penitentiary
DOC:	Department of Corrections	KSR:	KY State Reformatory
DJJ:	Department of Juvenile Justice	LLCC:	Luther Lockett Correctional Complex
DSP:	Department of State Police	NTC:	Northpoint Training Center
GRCC:	Green River Correctional Complex	RCC:	Roederer Correctional Complex
HVAC:	Heating, Ventilation, Air Conditioning	YDC:	Youth Development Center

**Public Protection Cabinet**

**Projects involving the General Fund (Cash/Bonds)**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
<b>2010-2012</b>						
1		KHRC Integrated Database & Information System	IT	1,531,000	1,531,000	
		<b>2010-2012 Total</b>		<b>1,531,000</b>	<b>1,531,000</b>	
		<b>Grand Total</b>		<b>1,531,000</b>	<b>1,531,000</b>	

**Explanation of Acronyms**

KHRC: KY Horse Racing Commission

**Tourism, Arts, & Heritage Cabinet**

**Projects involving the General Fund (Cash/Bonds)**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
<b>2010-2012</b>						
1	1	Parks Miscellaneous Major Maintenance Pool	C-PI	12,000,000	12,000,000	
2	1	SFB Miscellaneous Major Maintenance Pool	C-PI	3,587,000	3,587,000	
3	1	KHP Minor Capital Projects Maintenance Pool	C-PI	4,985,000	4,985,000	
4	1	Center for the Arts Maintenance Pool	C-PI	1,141,600	1,141,600	
5	1	Artisans Center Miscellaneous Minor Maintenance Pool	C-PI	610,000	610,000	
6	1	Frankfort Convention Center Maintenance Pool	C-PI	300,000	300,000	
7	1	NKY Convention Center Maintenance Pool	C-PI	300,000	300,000	
8	1	Eastern KY Exposition Center Maintenance Pool	C-PI	300,000	300,000	
9	2	Parks Upgrade Wastewater System Fort Boonesborough	C-PI	1,350,000	1,350,000	
10	10	Parks Technology Upgrades	IT	1,200,000	1,200,000	
11	4	Parks Roof Lodge Buckhorn Lake	C-PI	625,000	625,000	
12	6	SFB Freedom Hall Roof Replacement	C-PI	3,754,000	3,754,000	
13	2	SFB Cardinal Stadium Plant Replacement/Amphitheater	C-O	46,000,000	46,000,000	
14	9	Parks Improve/Construct Campground Facilities	C-PI	17,000,000	17,000,000	
15	31	Parks Restaurant Improvement/Upgrades Various Parks	C-PI	2,000,000	2,000,000	
16	3	Parks Upgrade/Replace Lodge (Design) Jenny Wiley	C-PI	5,500,000	5,500,000	
17	8	Parks Replace Maintenance Facility Buckhorn Lake	C-PI	600,000	600,000	
18	2	NKCC Convention Center Expansion	C-O	58,000,000	58,000,000	
19	1	Creative Services Digital Equipment Upgrade	EQ	200,000	200,000	
20	2	Center for the Arts Reroof Flat Roofs	C-PI	970,000	970,000	
21	4	KHP Renovate Restaurant Facility	C-PI	810,000	810,000	
22	4	SFB Cowger Parking Garage	C-PI	1,200,000	1,200,000	
23	5	KHP Replace Roof: Museum, Gatehouse VIC, Restaurant	C-PI	1,089,000	1,089,000	
24	1	KHS KY History Center Shelving & Storage	EQ	222,000	222,000	
25	3	KHP Broadband Network Infrastructure	IT	1,500,000	1,500,000	
26	15	Golf Car and Equipment Replacement	EQ	1,500,000	1,500,000	
27	2	KHP Expand Campground	C-O	6,425,000	6,425,000	
28	5	Parks Replace Wastewater Treatment Plant Pennyryle Forest	C-PI	2,600,000	2,600,000	
29	17	Parks Equine Tourism Development Pool	C-O	2,850,000	2,850,000	
30	30	Parks Demolish Structures Statewide	C-O	2,000,000	2,000,000	
31	7	Parks Conference Center Design/Site Cumberland Falls	C-PI	800,000	800,000	
32	6	Parks Conference Center Addition Lake Cumberland	C-PI	7,500,000	7,500,000	
33	21	Parks Purchase Equipment	EQ	2,250,000	2,250,000	
34	12	Parks Renovate/Replace Cottages	C-PI	5,400,000	5,400,000	
35	16	Parks Splash Park Development Pool Various Parks	C-O	1,000,000	1,000,000	
36	14	Parks Upgrade Guest Accommodations	C-PI	2,500,000	2,500,000	
37	5	SFB Upgrade HVAC Systems Phase I & II	C-PI	8,254,000	8,254,000	
38	24	Parks Repair My Old KY Home Amphitheater	C-PI	1,100,000	1,100,000	
39	6	KHP Acquire Land	C-O	2,100,000	2,100,000	
40	3	SFB Roof Replacement Pool KFEC	C-PI	2,739,000	2,739,000	
41	7	SFB Exterior Signage & Equipment Package KFEC	C-O	4,000,000	4,000,000	
42	27	Parks Enclose Lodge Pool General Butler	C-O	3,000,000	3,000,000	
43	25	Parks Construct Campground Cumberland Falls	C-O	5,000,000	5,000,000	
44	33	Parks Renovate/Reconstruct Employee Housing	C-PI	1,100,000	1,100,000	
45	13	Parks Restore CCC Structures JJ Audubon	C-PI	600,000	600,000	

**Tourism, Arts, & Heritage Cabinet (continued)**

**Projects involving the General Fund (Cash/Bonds)**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
46	28	Parks Renovate Terrace Garden Audubon	C-PI	650,000	650,000	
47	23	Parks Upgrade Golf Course Irrigation KY Dam	C-PI	1,400,000	1,400,000	
48	22	Parks Upgrade Golf Course Irrigation Lake Barkley	C-PI	1,400,000	1,400,000	
49	18	Parks Upgrade Walks & Steps Lake Cumberland	C-PI	612,000	612,000	
50	26	Parks Construct Pine Mountain Trail State Park	C-O	5,600,000	2,000,000	3,600,000 RF/FF
51	20	Parks Land Acquisition	C-O	4,000,000	4,000,000	
52	29	Parks Park Improvements JJ Audubon	C-O	5,000,000	5,000,000	
53	19	Parks Indoor Pool/Fitness Center Dale Hollow	C-O	5,050,000	5,050,000	
54	32	Parks Upgrade Fitness Facilities	C-O	250,000	250,000	
55	3	KHS KY Military History Museum Renovations	C-PI	1,244,000	590,000	654,000 OT-P
56	2	KHS Gateway to KY's Heritage Tourism	C-O	1,898,000	1,623,000	275,000 OT-P
57	11	Parks Restoration Structural Elements Whitehall SHS	C-PI	950,000	950,000	
<b>2010-2012 Total</b>				<b>256,015,600</b>	<b>251,486,600</b>	<b>4,529,000</b>

**Tourism, Arts, & Heritage Cabinet (continued)**

**Projects involving the General Fund (Cash/Bonds)**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
<b>2012-2014</b>						
		Parks Construct Convention Center Cumberland Falls	C-O	2,400,000	2,400,000	
		Parks Construct Amphitheatre Levi Jackson	C-O	865,000	865,000	
		Parks Construct Cottages Dale Hollow Lake	C-O	5,650,000	5,650,000	
		Parks Construct Lodge Indoor Pool KY Dam	C-PI	4,030,000	4,030,000	
		Parks Construct Lodge Pool Carter Caves	C-O	1,020,000	1,020,000	
		Parks Construct Miniature Golf Grayson Lake	C-PI	300,000	300,000	
		Parks Enclose Lodge Pool Barren River	C-O	2,500,000	2,500,000	
		Parks Golf Course Development Mineral Mounds (Add'l)	C-O	800,000	800,000	
		Parks Horticulture Prop Cardinal Building Remove Sawyer	C-PI	1,250,000	1,250,000	
		Parks Land Acquisition	C-O	4,000,000	4,000,000	
		Parks Marina Expansion Yatesville Lake	C-O	1,550,000	1,550,000	
		Parks Miscellaneous Major Maintenance Pool	C-PI	12,000,000	12,000,000	
		Parks New Conference Center Barren River	C-O	5,150,000	5,150,000	
		Parks Purchase Equipment	C-PI	1,500,000	1,500,000	
		Parks Reconstruct Fort Old Fort Harrod	C-PI	2,760,000	2,760,000	
		Parks Renovate Community Pool Carter Caves	C-PI	1,800,000	1,800,000	
		Parks Renovate Recreational Building Tom Sawyer	C-PI	600,000	600,000	
		Parks Repair Amphitheater Jenny Wiley	C-PI	750,000	750,000	
		Parks Repair Community Pool Lake Cumberland	C-PI	1,200,000	1,200,000	
		Parks Restaurant Improvement/Upgrades Various Parks	C-PI	2,000,000	2,000,000	
		Parks Tennis Center Improvements Kenlake State Park	C-O	3,000,000	3,000,000	
		Parks Upgrade Guest Accommodations	C-PI	1,500,000	1,500,000	
		Parks Upgrade HVAC System White Hall	C-PI	650,000	650,000	
		Parks Upgrade/Replace Lodge (Construction) Jenny Wiley	C-O	22,000,000	22,000,000	
		Parks Widen Boat Ramp & Expand Parking Taylorsville Lake	C-O	3,200,000	3,200,000	
		KHP Minor Capital Projects Maintenance Pool	C-PI	4,070,000	4,070,000	
		KHP Purchase Maintenance Equipment	EQ	1,343,000	1,343,000	
		KHP Renovate & Expand the Hall of Champions Complex	C-PI	610,000	610,000	
		SFB Ashton/Adair Parking Development	C-O	1,442,000	1,442,000	
		SFB Bridge Truss Surface Preparation & Coat KICC	C-O	1,625,000	1,625,000	
		SFB Construct KFEC Pedestrian Overhead Walkways	C-O	1,150,000	1,150,000	
		SFB KICC Lower Level Brick Pavers	C-O	1,248,000	1,248,000	
		SFB Miscellaneous Major Maintenance Pool 2012-14	C-PI	3,000,000	3,000,000	
		SFB Upgrade HVAC Phase III KFEC	C-PI	13,125,000	13,125,000	
		KCA Build Offices over the Loading Dock	C-O	2,840,000	2,840,000	
		KCA Maintenance Pool	C-PI	1,139,600	1,139,600	
		KACB Miscellaneous Minor Maintenance Pool	C-PI	360,000	360,000	
		NKCC Maintenance Pool for NKY Convention Center	C-PI	300,000	300,000	
		FCC Maintenance Pool for Frankfort Convention Center	C-PI	300,000	300,000	
		EKEC Maintenance Pool for Eastern KY Exposition Center	C-PI	300,000	300,000	
		<b>2012-2014 Total</b>		<b>115,327,600</b>	<b>115,327,600</b>	

**Tourism, Arts, & Heritage Cabinet (continued)**

**Projects involving the General Fund (Cash/Bonds)**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
<b>2014-2016</b>						
		Parks Campground Expansion Yatesville Lake	C-O	6,500,000	6,500,000	
		Parks Construct Shelter/Land Acquisition Thomas Walker	C-O	220,000	220,000	
		Parks Construct Cottages Greenbo Lake	C-O	3,680,000	3,680,000	
		Parks Convert Administration Building to Visitor Center Boonesboro	C-PI	720,000	720,000	
		Parks Develop Park Boone Station	C-O	1,200,000	1,200,000	
		Parks Develop Park Yatesville Lake	C-O	750,000	750,000	
		Parks Golf Course Development Pennyrile (Add'l)	C-O	5,500,000	5,500,000	
		Parks Land Acquisition	C-O	4,000,000	4,000,000	
		Parks Miscellaneous Major Maintenance Pool	C-PI	12,000,000	12,000,000	
		Parks Museum Development Big Bone Lick (Add'l)	C-O	8,500,000	8,500,000	
		Parks Pool Renovation/Upgrade Pennyrile Forest	C-PI	800,000	800,000	
		Parks Purchase Equipment	EQ	1,500,000	1,500,000	
		Parks Recreation Improvements Jenny Wiley	C-PI	1,000,000	1,000,000	
		Parks Renovate Lodge Pool Lake Cumberland	C-PI	1,200,000	1,200,000	
		Parks Restaurant Improvement/Upgrades Various Parks	C-PI	2,000,000	2,000,000	
		Parks Upgrade Guest Accommodations	C-PI	1,500,000	1,500,000	
		KHP Expand/Renovate Breeds Barn	C-PI	1,670,000	1,670,000	
		KHP Expand/Renovate Covered Arena	C-PI	16,752,000	16,752,000	
		KHP Minor Capital Projects Maintenance Pool	C-PI	3,255,000	3,255,000	
		KHP Renovate Campground Sites & Bathhouses	C-PI	1,120,000	1,120,000	
		SFB KICC Parking Controls Installation	C-O	750,000	750,000	
		SFB Miscellaneous Major Maintenance Pool	C-PI	3,000,000	3,000,000	
		SFB Portable Telescopic Seating KICC	EQ	2,600,000	2,600,000	
		SFB Sanitary Sewer Line Replacement KFEC	C-PI	2,750,000	2,750,000	
		KCA Construct Additional seating for Bar/East Room	C-O	2,146,000	2,146,000	
		KCA Maintenance Pool	C-PI	1,270,000	1,270,000	
		KACB Miscellaneous Minor Maintenance Pool	C-PI	360,000	360,000	
		NKCC Maintenance Pool for NKY Convention Center	C-PI	300,000	300,000	
		FCC Maintenance Pool for Frankfort Convention Center	C-PI	300,000	300,000	
		EKEC Maintenance Pool for Eastern KY Exposition Center	C-PI	300,000	300,000	
		<b>2014-2016 Total</b>		<b>87,643,000</b>	<b>87,643,000</b>	
		<b>Grand Total</b>		<b>458,458,986,200</b>	<b>454,457,200</b>	<b>4,529,000</b>

**Tourism, Arts, & Heritage Cabinet (continued)**

**Projects involving the Road Fund**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
<b>2010-2012</b>						
1		Parks Road Maintenance Various Parks	C-PI	4,300,000		4,300,000
		<b>2010-2012 Total</b>		<b>4,300,000</b>		<b>4,300,000</b>
<b>2012-2014</b>						
		Parks Develop Entrance Road Kingdom Come	C-O	8,000,000		8,000,000
		Parks Road Maintenance Various Parks	C-PI	4,700,000		4,700,000
		<b>2012-2014 Total</b>		<b>12,700,000</b>		<b>12,700,000</b>
<b>2014-2016</b>						
		Road Maintenance Various Parks	C-PI	5,100,000		5,100,000
		<b>2014-2016 Total</b>		<b>5,100,000</b>		<b>5,100,000</b>
		<b>Grand Total</b>		<b>22,100,000</b>		<b>22,100,000</b>

**Tourism, Arts, & Heritage Cabinet (continued)**

**Projects NOT involving the General Fund, Road Fund, or Agency Bonds**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
<b>2010-2012</b>						
		DFW Boating/Fishing Access Pool	C-O	1,200,000	1,200,000	RF
		DFW Fees-in-Lieu-of Stream Mitigation Projects Pool	C-O	20,000,000	20,000,000	RF
		DFW Land Acquisition Pool	C-O	10,000,000	10,000,000	RF
		DFW Minor Clark Fish Hatchery	C-O	2,500,000	2,500,000	RF/FF
		DFW Minor Projects Pool	C-O	2,000,000	2,000,000	RF
		DFW Pfeiffer Hatchery Renovation	C-O	2,500,000	2,500,000	RF/FF
		Parks Covered Bridge Restoration/ Repair Cabin Creek	C-PI	1,180,000	1,180,000	FF/OT-LTF
		KHP Construct Alltech FEI WEG Temporary Stadium	C-O	1,100,000	1,100,000	OT-P
		<b>2010-2012 Total</b>		<b>40,480,000</b>	<b>40,480,000</b>	
<b>2012-2014</b>						
		DFW Boating/Fishing Access Pool	C-O	1,200,000	1,200,000	RF
		DFW Fees-in-Lieu-of Stream Mitigation Projects Pool	C-O	20,000,000	20,000,000	RF
		DFW Land Acquisition Pool	C-O	10,000,000	10,000,000	RF
		DFW Minor Projects Pool	C-O	2,000,000	2,000,000	RF
		KHP Renovate International Museum of the Horse	C-O	2,808,000	2,808,000	OT-P
		<b>2012-2014 Total</b>		<b>36,008,000</b>	<b>36,008,000</b>	
<b>2014-2016</b>						
		DFW Boating/Fishing Access Pool	C-O	1,200,000	1,200,000	RF
		DFW Fees-in-Lieu-of Stream Mitigation Projects Pool	C-O	20,000,000	20,000,000	RF
		DFW Land Acquisition Pool	C-O	10,000,000	10,000,000	RF
		DFW Minor Projects Pool	C-O	2,000,000	2,000,000	RF
		<b>2014-2016 Total</b>		<b>33,200,000</b>	<b>33,200,000</b>	
		<b>Grand Total</b>		<b>109,688,000</b>	<b>109,688,000</b>	

**Explanation of Acronyms**

CCC:	Civilian Conservation Corps
DFW:	Department of Fish & Wildlife Resources
EKEC:	Eastern KY Exposition Center
FCC:	Frankfort Convention Center
FEI:	Federation Equestre Internationale
HVAC:	Heating, Ventilation, Air Conditioning
KACB:	KY Artisans Center at Berea
KCA:	KY Center for the Arts
KFEC:	KY Fair & Exposition Center
KHP:	KY Horse Park
KHS:	KY Historical Society
KICC:	KY International Convention Center
NKCC:	Northern KY Convention Center
Parks:	Department of Parks
SFB:	State Fair Board
SHS:	State Historic Site
WEG:	World Equestrian Games

**Transportation Cabinet**

**Projects involving the General Fund (Cash/Bonds)**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
<b>2010-2012</b>						
1	1	Aircraft Major Maintenance Pool	EQ	800,000	800,000	
		<b>2010-2012 Total</b>		<b>800,000</b>	<b>800,000</b>	
<b>2012-2014</b>						
		Aircraft Major Maintenance Pool	EQ	800,000	800,000	
		Construct Capital City Airport Terminal Building	C-O	3,000,000	3,000,000	
		Construct Corporate Hangar	C-O	1,050,000	1,050,000	
		Construct T-Hangars	C-O	500,000	500,000	
		<b>2012-2014 Total</b>		<b>5,350,000</b>	<b>5,350,000</b>	
<b>2014-2016</b>						
		Aircraft Major Maintenance Pool	EQ	800,000	800,000	
		Construct T-Hangars	C-O	500,000	500,000	
		<b>2014-2016 Total</b>		<b>1,300,000</b>	<b>1,300,000</b>	
		<b>Grand Total</b>		<b>7,450,000</b>	<b>7,450,000</b>	

**Transportation Cabinet (continued)**

**Projects involving the Road Fund**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>Road Fund</u>	<u>Other Funds/ Source(s)</u>
<b>2010-2012</b>						
1		Building/Site Renovation & Emergency Repair	C-PI	2,550,000	2,550,000	
2		Salt Str. Facility & Ancillary Building Maintenance & Repair	C-PI	960,000	960,000	
3		Various Environmental Compliance	C-O	2,352,000	2,352,000	
4		Repair Loadometer & Rest Areas	C-PI	1,500,000	1,500,000	
5		Water & Wastewater	C-PI	730,000	730,000	
6		Replace Overhead Doors & Emergency Repairs	C-PI	660,000	660,000	
7		Purchase TRNS*PORT Upgrade	IT	3,000,000	3,000,000	
8		Transportation Enterprise Data Warehouse	IT	1,500,000	1,500,000	
9		Purchase PONTIS upgrade	IT	600,000	600,000	
10		Right-of-Way Management System	IT	1,260,000	1,260,000	
11		Videologging Roadway Feature System	IT	600,000	120,000	480,000 FF
12		Construct Spencer County Maintenance Facility & Salt Str.	C-O	245,000	245,000	
13		Construct Crittenden County Maintenance Facility & Salt Str.	C-O	1,340,000	1,340,000	
14		Construct Larue County Maintenance Facility & Salt Str.	C-O	430,000	430,000	
15		Purchase GPS Virtual Reference System	IT	625,000	625,000	
16		Purchase GPS Surveying Equipment	IT	350,000	350,000	
17		Road Maintenance Parks	C-O	3,000,000	3,000,000	
<b>2010-2012 Total</b>				<b>21,702,000</b>	<b>21,222,000</b>	<b>480,000</b>
<b>2012-2014</b>						
		Building/Site Renovation & Emergency Repair	C-PI	2,860,000	2,860,000	
		Construct Ballard County Maintenance Facility & Salt Str.	C-O	1,440,000	1,440,000	
		Construct Bath County Maintenance Facility & Salt Str.	C-O	1,440,000	1,440,000	
		Construct Breckinridge County Maintenance Facility & Salt Str.	C-O	1,440,000	1,440,000	
		Construct Clay County District Office	C-O	7,660,000	7,660,000	
		Construct Harlan County Maintenance Facility & Salt Str.	C-O	1,260,000	1,260,000	
		Construct Hart County Maintenance Facility & Salt Str.	C-O	1,260,000	1,260,000	
		Construct Henderson County Maintenance Facility & Salt Str.	C-O	1,440,000	1,440,000	
		Construct Letcher County Maintenance Facility & Salt Str.	C-O	1,440,000	1,440,000	
		Construct Pike County Maintenance Facility & Salt Str.	C-O	1,440,000	1,440,000	
		Construct Shelby County Traffic Building	C-O	488,000	488,000	
		Construct Wolfe County Maintenance Facility & Salt Str.	C-O	1,440,000	1,440,000	
		Purchase Lab Equipment	EQ	262,000	262,000	
		Purchase TRNS*PORT Upgrade	IT	1,000,000	1,000,000	
		Repair Loadometer & Rest Areas	C-PI	1,500,000	1,500,000	
		Replace Overhead Doors & Emergency Repairs	C-PI	715,000	715,000	
		Road Maintenance Parks	C-O	3,000,000	3,000,000	
		Salt Str. Facility & Ancillary Building Maintenance & Repair	C-PI	1,040,000	1,040,000	
		Various Environmental Compliance	C-O	1,210,000	1,210,000	
		Water & Wastewater	C-PI	535,000	535,000	
<b>2012-2014 Total</b>				<b>32,870,000</b>	<b>32,870,000</b>	

**Transportation Cabinet (continued)**

**Projects involving the Road Fund**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>Road Fund</u>	<u>Other Funds/ Source(s)</u>
<b>2014-2016</b>						
		Building/Site Renovation & Emergency Repair	C-PI	3,090,000	3,090,000	
		Construct Boyd Co Maintenance Facility & Salt Str.	C-O	1,560,000	1,560,000	
		Construct Marshall Co Maintenance Facility & Salt Str.	C-O	1,560,000	1,560,000	
		Construct McCracken Co District Office	C-O	8,400,000	8,400,000	
		Construct Morgan Co Maintenance Facility & Salt Str.	C-O	1,560,000	1,560,000	
		Purchase Lab Equipment	EQ	552,000	552,000	
		Purchase TRNS*PORT Upgrade	IT	1,000,000	1,000,000	
		Repair Loadometer & Rest Areas	C-PI	1,500,000	1,500,000	
		Replace Overhead Doors & Emergency Repairs	C-PI	775,000	775,000	
		Road Maintenance Parks	C-O	3,000,000	3,000,000	
		Salt Str. Facility & Ancillary Building Maintenance & Repair	C-PI	1,120,000	1,120,000	
		Various Environmental Compliance	C-O	1,130,000	1,130,000	
		Water & Wastewater	C-PI	255,000	255,000	
		<b>2014-2016 Total</b>		<b>25,502,000</b>	<b>25,502,000</b>	
		<b>Grand Total</b>		<b>80,074,000</b>	<b>79,594,000</b>	<b>480,000</b>

**Council on Postsecondary Education**

**Projects involving the General Fund (Cash/Bonds)**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
<b>2010-2012</b>						
1		Purchase P-20 Learning Object Repository (KyDepot)	IT	4,000,000	4,000,000	
2		Purchase Longitudinal PsEd Data Warehouse Phase I	IT	2,000,000	2,000,000	
3		P-20 Seamless Data Warehouse Phase I	IT	3,000,000	3,000,000	
4		Create Infrastructure Integrate Internet2	IT	3,250,000	3,250,000	
5		Statewide Transfer Technology System	IT	2,000,000	2,000,000	
6		KYVL Upgrade/Replace Integrated Library System	IT	7,500,000	7,500,000	
7		KYVL Research Data Base Expansion Phase I	IT	3,500,000	3,500,000	
8		Portable Training Lab Hardware/Software	IT	300,000	300,000	
9		Expand GoHigher Portal	IT	700,000	700,000	
10		Multi-Media Streaming System Phase I	IT	1,000,000	1,000,000	
11		KYVC/KYVL Statewide License Pool	IT	4,000,000	4,000,000	
12		Upgrade CPE Technology Infrastructure Phase I	IT	500,000	500,000	
13		Mobile Learning Infrastructure Phase I	IT	1,000,000	1,000,000	
14		Interactive TV System	IT	1,000,000	1,000,000	
15		Course Redesign Initiative Phase I	IT	1,000,000	1,000,000	
16		KYVL Kentuckiana Digital Library Expansion Phase I	IT	1,250,000	1,250,000	
17		eLearning Development Delivery & Management Phase I	IT	2,800,000	2,800,000	
18		Statewide Lifelong Learning Portal Phase I	IT	500,000	500,000	
19		KYVL Create Interlibrary Loan System	IT	1,250,000	1,250,000	
20		KYVL Scholarly Communication Repository Phase I	IT	750,000	750,000	
21		KYVL Interactive Library Tools	IT	300,000	300,000	
22		KYVL Federated Search Portal Phase II	IT	1,400,000	1,400,000	
23		Asset Management System Phase I	IT	500,000	500,000	
24		Construct High Density Storage Facility	C-O	28,225,000	28,225,000	
<b>2010-2012 Total</b>				<b>71,725,000</b>	<b>71,725,000</b>	
<b>2012-2014</b>						
		Course Redesign Initiative Phase II	IT	1,000,000	1,000,000	
		Create Infrastructure Integrate Internet2 Phase II	IT	2,000,000	2,000,000	
		KYVC/KYVL Statewide Licenses Pool Phase II	IT	2,000,000	2,000,000	
		KYVL Create Kentuckiana Digital Library Mobile Scan Labs	IT	750,000	750,000	
		KYVL Create Scholarly Comm Repository Phase II	IT	750,000	750,000	
		KYVL Kentuckiana Digital Library Expansion Phase II	IT	1,250,000	1,250,000	
		KYVL Research Databases Expansion Phase II	IT	3,500,000	3,500,000	
		Purchase Asset Management System Phase II	IT	500,000	500,000	
		Purchase eLearning Development Delivery & Management System Phase II	IT	3,975,000	3,975,000	
		Purchase KYVL Reference Desk Software	IT	600,000	600,000	
		Purchase Longitudinal PsEd Data Warehouse Phase II	IT	2,000,000	2,000,000	
		Purchase Mobile Learning Infrastructure Phase II	IT	1,000,000	1,000,000	
		Purchase Multi-Media Streaming System Phase II	IT	500,000	500,000	
		Purchase P-20 Seamless Data Warehouse Phase II	IT	4,000,000	4,000,000	
		Purchase Statewide Lifelong Learning Portal Phase II	IT	500,000	500,000	
		Upgrade CPE Technology Infrastructure Phase II	IT	250,000	250,000	
<b>2012-2014 Total</b>				<b>24,575,000</b>	<b>24,575,000</b>	

**Council on Postsecondary Education (continued)**

**Projects involving the General Fund (Cash/Bonds)**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
<b>2014-2016</b>						
		Create Infrastructure Integrate Internet2 Phase III	IT	2,750,000	2,750,000	
		Purchase eLearning Development Delivery & Management System Phase III	IT	5,100,000	5,100,000	
		<b>2014-2016 Total</b>		<b>7,850,000</b>	<b>7,850,000</b>	
		<b>Grand Total</b>		<b>104,150,000</b>	<b>104,150,000</b>	

**Explanation of Acronyms**

CPE: Council on Postsecondary Education  
 KYVC: KY Virtual College  
 KYVL: KY Virtual Library

**Eastern Kentucky University**

**Projects involving the General Fund (Cash/Bonds)**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
<b>2010-2012</b>						
1		Construct Science Building Phase II	C-O	65,040,000	65,040,000	
2		Construct College of Education Complex	C-O	59,089,000	59,089,000	
3		Renovate Lancaster Center Building	C-PI	1,234,000	1,234,000	
4		Renovate Student Health Center	C-PI	2,072,000	2,072,000	
5		EKU-UK Dairy Research Project (Meadowbrook Farm)	C-O	10,160,000	10,160,000	
6		Construct E & G Life Safety Begley Elevator	C-O	750,000	750,000	
7		Renovate HVAC Systems	C-PI	10,000,000	5,000,000	5,000,000 RF
8		Construct Danville Postsecondary Education Center	C-O	14,000,000	14,000,000	
9		Construct Aviation Instruction Facility	C-O	5,575,000	5,575,000	
10		Renovate & Expand Powell Building	C-PI	24,400,000	24,400,000	
11		Construct University Activity Center Phase II	C-O	21,375,000	21,375,000	
12		Expand/Upgrade Campus Data Network	IT	13,212,000	11,212,000	2,000,000 RF
13		Purchase Minor Projects Equipment	EQ	5,000,000	5,000,000	
14		Networked Education System Computers	IT	6,950,000	6,950,000	
15		Renovate Weaver Building	C-PI	10,868,000	10,868,000	
16		Upgrade Academic Computing	IT	4,900,000	2,900,000	2,000,000 RF
17		Upgrade Administrative Computing	IT	3,150,000	3,150,000	
<b>2010-2012 Total</b>				<b>257,775,000</b>	<b>248,775,000</b>	<b>9,000,000</b>
<b>2012-2014</b>						
		Construct Addition to Ashland Building	C-O	3,740,000	3,740,000	
		Construct Extended Campus Corbin Phase II	C-O	16,000,000	16,000,000	
		Expand, Upgrade Campus Data Network	IT	13,212,000	11,212,000	2,000,000 RF
		Purchase Networked Education System Components	IT	7,000,000	7,000,000	
		Renovate Alumni Coliseum	C-PI	23,000,000	23,000,000	
		Renovate Alumni Coliseum & Weaver Pools	C-PI	2,500,000	2,500,000	
		Renovate Bert Combs Building	C-PI	13,250,000	13,250,000	
		Upgrade Academic Computing	IT	5,000,000	3,000,000	2,000,000 RF
		Upgrade Administrative Computing System	IT	3,250,000	3,250,000	
<b>2012-2014 Total</b>				<b>86,952,000</b>	<b>82,952,000</b>	<b>4,000,000</b>
<b>2014-2016</b>						
		Construct Health Sciences Building	C-O	32,500,000	32,500,000	
		Construct University Information Technology Center	C-O	24,585,000	24,585,000	
		Expand, Upgrade Campus Data Network	IT	13,212,000	11,212,000	2,000,000 RF
		Purchase Networked Education System Components	IT	7,100,000	7,100,000	
		Renovate & Upgrade Heat Plant	C-PI	5,000,000	5,000,000	
		Renovate Begley Building Concrete	C-PI	1,250,000	1,250,000	
		Renovate Moore Building	C-PI	24,750,000	24,750,000	
		Renovate Whalen Complex	C-PI	18,977,000	18,977,000	
		Upgrade Academic Computing	IT	5,100,000	3,100,000	2,000,000 RF
		Upgrade Administration Administrative Computing System	IT	3,350,000	3,350,000	
<b>2014-2016 Total</b>				<b>135,824,000</b>	<b>131,824,000</b>	<b>4,000,000</b>
<b>Grand Total</b>				<b>480,551,000</b>	<b>463,551,000</b>	<b>17,000,000</b>

**Eastern Kentucky University (continued)**

**Projects involving Agency Bonds**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
<b>2010-2012</b>						
1		Renovate Residence Hall	C-PI	12,000,000		12,000,000
2		Construct New Student Housing	C-O	36,000,000		36,000,000
3		Construct New Student Housing Garden Apartments	C-O	54,000,000		54,000,000
4		Construct North Residential District Retail Unit	C-O	2,250,000		2,250,000
<b>2010-2012 Total</b>				<b>104,250,000</b>		<b>104,250,000</b>
<b>2012-2014</b>						
		Renovate Residence Hall	C-PI	12,000,000		12,000,000
<b>2012-2014 Total</b>				<b>12,000,000</b>		<b>12,000,000</b>
<b>2014-2016</b>						
		Construct New Student Housing	C-O	19,200,000		19,200,000
		Renovate Residence Hall	C-PI	12,000,000		12,000,000
<b>2014-2016 Total</b>				<b>31,200,000</b>		<b>31,200,000</b>
<b>Grand Total</b>				<b>147,450,000</b>		<b>147,450,000</b>

**Projects NOT involving the General Fund, Road Fund, or Agency Bonds**

<b>2010-2012</b>						
		Alumni Coliseum Addition/Field House Shell	C-O	2,000,000		2,000,000 RF
		Construct Aramark Food Service Projects	C-O	4,150,000		4,150,000 OT-P
		Construct Bio-Fuels Research Facility	C-O	12,000,000		12,000,000 FF
		Construct ECU Early Childhood Center	C-O	3,284,000		3,284,000 RF
		Construct Regional Health Facility	C-O	12,500,000		12,500,000 FF
		Construct Student Athlete Support Facility	C-O	5,850,000		5,850,000 RF
		Expand Indoor Tennis Facility	C-O	1,100,000		1,100,000 OT-P
		Miscellaneous Maintenance Pool	C-PI	10,000,000		10,000,000 RF
		Purchase of Adjacent Property	C-PI	3,000,000		3,000,000 OT-P
		Renovate Baseball Complex	C-PI	2,000,000		2,000,000 OT-P
		Renovate Blanton House	C-PI	1,100,000		1,100,000 RF
		Renovate Property	C-PI	2,000,000		2,000,000 OT-P
		Renovate Women's Softball Complex	C-PI	1,500,000		1,500,000 OT-P
		Renovate/Construct Food Service Facilities	C-O	4,150,000		4,150,000 OT-P
<b>2010-2012 Total</b>				<b>64,634,000</b>		<b>64,634,000</b>
<b>2012-2014</b>						
		Miscellaneous Maintenance Pool	C-PI	10,000,000		10,000,000 RF
<b>2012-2014 Total</b>				<b>10,000,000</b>		<b>10,000,000</b>
<b>2014-2016</b>						
		Miscellaneous Maintenance Pool	C-PI	10,000,000		10,000,000 RF
<b>2014-2016 Total</b>				<b>10,000,000</b>		<b>10,000,000</b>
<b>Grand Total</b>				<b>84,634,000</b>		<b>84,634,000</b>

**Explanation of Acronyms**

EKU: Eastern KY University

**Kentucky Community & Technical College System**

**Projects involving the General Fund (Cash/Bonds)**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
<b>2010-2012</b>						
1		Construct Owensboro Advanced Technology Center Phase II	C-O	14,055,000	14,055,000	
2		Const Carrollton Campus Phase I JCTC	C-O	12,000,000	12,000,000	
3		Construct Energy & Technology Center Madisonville CC (Add'l)	C-O	4,000,000	4,000,000	
4		Construct Licking Valley Center Phase II (Add'l)	C-O	5,959,000	1,000,000	4,959,000 RF-OTP
5		Construct Advanced Manufacture Facility Bluegrass CTC (Add'l)	C-O	22,000,000	22,000,000	
6		Construct Urban Campus Gateway C&TC	C-O	25,328,000	25,328,000	
7		Renovate Downtown Campus Phase II JCTC	C-PI	28,612,000	28,612,000	
8		Construct Madisonville Postsecondary Ed Center (Add'l)	C-O	19,574,000	19,574,000	
9		Construct Rowan Postsecondary Ed Center Maysville C&TC	C-O	44,449,000	44,449,000	
10		Construct Allied Health/Science Building Hopkinsville CC	C-O	27,289,000	27,289,000	
11		Renovate for Southeast Educational Alliance Center	C-PI	14,626,000	13,226,000	1,400,000 FF
12		Construct Technology Dr Campus Phase III (Add'l)	C-O	9,610,000	9,610,000	
13		Construct Allied Health Building Hazard CTC	C-O	20,300,000	20,300,000	
14		Construct Springfield Comm & Tech College (Add'l)	C-O	2,000,000	2,000,000	
15		Design Newtown Campus Phase II BCTC	C-O	3,300,000	3,300,000	
16		Renovate Arts Program West KY CTC	C-O	8,642,000	8,642,000	
17		Renovate Academic/LRC Building Ashland CTC	C-PI	20,000,000	20,000,000	
18		Renovate Building for Skilled Crafts Training Center WKCTC	C-O	750,000	750,000	
19		Construct Training Facility NARA Bluegrass CTC	C-O	19,100,000	19,100,000	
20		Purchase & Improve Real Property Jefferson CTC	C-O	10,500,000	10,500,000	
21		Construct Muhlenberg Campus Phase II Madisonville CC	C-O	7,636,000	7,436,000	200,000 OT-P
22		Construct School of Craft Phase II Ceramics	C-O	2,309,000	2,259,000	50,000 FF
23		Construct Community Intergen Center (Add'l) Lees Campus HCTC	C-O	15,000,000	15,000,000	
24		Capital Renewal & Deferred Maintenance Pool	C-PI	38,000,000	38,000,000	
25		Design Bullitt County Campus Jefferson CTC	C-O	1,733,000	1,733,000	
26		Design Expansion of Pikeville Campus Big Sandy CT	C-O	835,000	835,000	
27		Design Allied Health Building Bowling Green TC	C-O	975,000	975,000	
28		Design Reroof/Enclose Concourses Gray Building Maysville CC	C-PI	180,000	180,000	
29		Design Somerset CC Extension Center Russell County	C-O	650,000	650,000	
30		Design Arts & Humanities Building Somerset CC North	C-O	693,000	693,000	
31		Construct Allied Health Tech Center SE KY CTC	C-O	11,739,000	11,739,000	
32		Expansion of Fine Arts Center Henderson CC	C-O	3,451,000	3,151,000	300,000 OT-P
33		KCTCS IT Infrastructure	IT	12,000,000	12,000,000	
34		Master Plan Development & Upgrade Pool	C-O	850,000	850,000	
35		KCTCS Equipment Pool	EQ	20,000,000	20,000,000	
36		Acquisition of System Office Building	C-O	8,500,000	8,500,000	
37		Purchase Combine for Ag Program Hopkinsville CC	EQ	290,000	290,000	
38		Purchase Front End Loader Hazard CTC	EQ	250,000	83,000	167,000 RF/FF
39		Purchase Horiz. Milling Machine Hopkinsville CC	EQ	250,000	250,000	
<b>2010-2012 Total</b>				<b>437,435,000</b>	<b>430,359,000</b>	<b>7,076,000</b>

**Kentucky Community & Technical College System (continued)**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
<b>2012-2014</b>						
		Capital Renewal & Deferred Maintenance Pool	C-PI	38,000,000	38,000,000	
		Construct Administration/Academic Building Maysville CTC	C-O	10,361,000	10,361,000	
		Construct Allied Health Building Bowling Green TC	C-O	18,560,000	18,560,000	
		Construct Arts & Humanities Building Somerset CC North	C-O	16,585,000	16,585,000	
		Construct Bullitt County Campus Jefferson CTC	C-O	28,916,000	28,916,000	
		Construct Commonwealth College Center West KY CTC	C-O	15,995,000	15,995,000	
		Construct Danville Campus Expansion Bluegrass CTC	C-O	13,412,000	10,312,000	3,100,000 OT-P
		Construct Hancock County Advanced Tech Center OCTC	C-O	18,115,000	18,115,000	
		Construct Licking Valley Center Phase III Maysville CTC	C-O	10,503,000	10,503,000	
		Construct M&O Facility Main Campus Owensboro CTC	C-O	2,680,000	2,680,000	
		Construct Multi-purpose Building Big Sandy CTC	C-O	9,905,000	9,905,000	
		Construct Newtown Campus Phase II Bluegrass CTC	C-O	40,900,000	40,900,000	
		Construct School of Craft Phase III Hazard CTC	C-O	4,938,000	4,938,000	
		Construct Somerset CC Extension Center Russell County	C-O	15,519,000	15,519,000	
		Construct Technology Building Jefferson CTC Southwest Campus	C-O	24,599,000	24,599,000	
		Construct Technology Education Building Somerset CC Laurel North	C-O	24,845,000	24,845,000	
		Construct Technology Building Hazard CTC	C-O	21,992,000	21,992,000	
		Construct Winchester Campus Expansion Bluegrass CTC	C-O	14,861,000	12,361,000	2,500,000 OT-P
		Expansion of Glasgow Campus Bowling Green TC	C-O	10,479,000	10,479,000	
		Expansion of Pikeville Campus Big Sandy CTC	C-O	19,952,000	19,952,000	
		Expansion of Main Campus Phase II Bowling Green TC	C-O	26,837,000	26,837,000	
		Improvements Truck Driving Program Big Sandy CTC	C-PI	1,488,000	1,488,000	
		KCTCS Equipment Pool	C-PI	10,000,000	10,000,000	
		Maintain & Renovate Projects Owensboro CTC	C-PI	2,752,000	2,752,000	
		Purchase & Renovate Jefferson Ed Center Jefferson CTC	C-O	21,679,000	21,679,000	
		Purchase Parking Facilities Jefferson CTC DT	C-O	10,500,000	10,500,000	
		Renovate & Expand-Academic/Allied Health Owensboro CTC	C-O	9,600,000	9,600,000	
		Renovate Academic Building Hopkinsville CC	C-PI	9,948,000	9,948,000	
		Renovate Administration Building Elizabethtown CTC	C-PI	2,720,000	2,720,000	
		Renovate Administration Building Whitesburg Campus SEKYCTC	C-PI	3,009,000	3,009,000	
		Renovate Administration Building Maysville CTC	C-PI	6,840,000	6,840,000	
		Renovate Anderson Building West KY CTC	C-PI	1,092,000	1,092,000	
		Renovate Auditorium SW Campus Jefferson C&TC	C-PI	1,940,000	1,940,000	
		Renovate Big Sandy CTC Facilities College-wide	C-PI	10,500,000	10,500,000	
		Renovate Building F Main Campus Bowling Green TC	C-PI	2,175,000	2,175,000	
		Renovate Building 2 Harlan Campus Southeast KY CTC	C-PI	5,171,000	5,171,000	
		Renovate Building I Main Campus Bowling Green TC	C-PI	2,770,000	2,770,000	
		Renovate Buildings A & B Jefferson CTC Technology Campus	C-PI	13,053,000	13,053,000	
		Renovate Downtown Campus Owensboro CTC	C-O	2,753,000	2,753,000	
		Renovate Early Childhood Ed. Center Jefferson CTC	C-O	2,047,000	2,047,000	
		Renovate HVAC System Meece Building, Somerset CC	C-PI	985,000	985,000	
		Renovate Labs VTI Building Jefferson CTC	C-O	5,951,000	5,951,000	
		Renovate Leestown Campus Bluegrass CTC	C-PI	3,255,000	3,255,000	
		Renovate LRC Building Hopkinsville CC	C-PI	4,067,000	4,067,000	
		Renovate of Mining Building SE KY CTC Harlan Campus	C-PI	6,171,000	6,171,000	
		Renovate Parsons Building Ashland CTC	C-PI	20,175,000	20,175,000	
		Renovate Science Labs Jefferson CTC	C-PI	3,202,000	3,202,000	
		Renovate Stoner Hall Theater Somerset CC	C-PI	1,132,000	1,132,000	

**Kentucky Community & Technical College System (continued)**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
		Renovate Van Meter Gym Lees Campus Hazard CTC	C-PI	2,021,000	2,021,000	
		Renovate VTI Building Jefferson CTC Downtown Campus	C-PI	25,070,000	25,070,000	
		Renovate Waller Hall West KY CTC	C-PI	3,993,000	3,993,000	
		Repairs to Allied Health Building West KY CTC	C-PI	1,100,000	1,100,000	
		Replace HVAC System Main Campus Owensboro CTC	C-PI	5,065,000	5,065,000	
		Reroof & Enclose Concourses Gray Building Maysville CC	C-PI	3,420,000	3,420,000	
		<b>2012-2014 Total</b>		<b>593,598,000</b>	<b>587,998,000</b>	<b>5,600,000</b>
<b>2014-2016</b>						
		Acquire Land/Campus Upgrades Somerset CC	C-O	5,500,000	5,500,000	
		Capital Renewal & Deferred Maintenance Pool	C-PI	38,000,000	38,000,000	
		Construct Allied Health Building Phase II West KY CTC	C-O	12,188,000	12,188,000	
		Construct Arboretum & Trails Maysville CTC	C-O	1,179,000	1,179,000	
		Construct Arts & Humanities Building Hopkinsville CC	C-O	21,030,000	21,030,000	
		Construct Bullitt Campus Phase II Jefferson CTC	C-O	9,140,000	9,140,000	
		Construct Campus Gateway West KY CTC	C-O	1,524,000	1,524,000	
		Construct Carrollton Campus Phase II Jefferson CTC	C-O	17,234,000	17,234,000	
		Construct Child Care Center Cumberland Campus SEKYCTC	C-O	4,246,000	4,246,000	
		Construct Child Care Center Middlesboro Campus SEKYCTC	C-O	4,246,000	4,246,000	
		Construct Classroom/Student Center Boone Campus Gateway CTC	C-O	38,874,000	38,874,000	
		Construct Classroom/Administration Building Boone Campus Gateway CTC	C-O	37,004,000	37,004,000	
		Construct Classroom/Fine Arts/LRC Building Bluegrass CTC	C-O	29,317,000	29,317,000	
		Construct Distance Learning Center Hazard CTC	C-O	3,205,000	3,205,000	
		Construct Emerging Technology Center Expansion West Ky CTC	C-O	11,599,000	11,599,000	
		Construct Emerging Technology Facility Hopkinsville CC	C-O	19,585,000	19,585,000	
		Construct Franklin Campus Phase II Bowling Green TC	C-O	20,877,000	20,877,000	
		Construct KATI Phase II Bowling Green Tech College	C-O	8,286,000	8,286,000	
		Construct LRC/Student Services Building Jefferson CTC DT	C-O	31,939,000	31,939,000	
		Construct M&O Facility Hopkinsville CC	C-O	3,393,000	3,393,000	
		Construct Maintenance & IT Building Cumberland Campus SEKY CTC	C-O	3,680,000	3,680,000	
		Construct Maintenance Building Middlesboro Campus SE KY CTC	C-O	3,320,000	3,320,000	
		Construct Maintenance & Operations Building West KY CTC	C-O	1,733,000	1,733,000	
		Construct Maintenance Facility Jefferson CTC DT	C-O	787,000	787,000	
		Construct Maintenance Facility Jefferson CTC SW	C-O	787,000	787,000	
		Construct Midwest Center for Energy/Comm. Gateway CTC	C-O	15,622,000	15,622,000	
		Construct Mt. Sterling Center Maysville CTC	C-O	9,455,000	9,455,000	
		Construct New Campus Entrance Jefferson CTC SW	C-O	1,207,000	1,207,000	
		Construct Paris Center Maysville CTC	C-O	9,455,000	9,455,000	
		Construct Parking Garage Boone Campus Gateway CTC	C-O	9,502,000	9,502,000	
		Construct Parking Lot & Lighting Madisonville CC	C-O	878,000	878,000	
		Construct Parking Edgewood Campus Gateway CTC	C-O	4,146,000	4,146,000	
		Construct Student Commons/Library Ashland CTC	C-O	19,050,000	19,050,000	
		Construct Student Services Building Bowling Green TC	C-O	11,800,000	11,800,000	
		Construct Technology Center Phase II Maysville CTC	C-O	20,634,000	20,634,000	
		Construct Transpark Campus Phase II Bowling Green TC	C-O	13,186,000	13,186,000	
		Construct Waller Hall Addition West KY CTC	C-O	11,638,000	11,638,000	
		Expansion of Shelby County Campus Jefferson CTC	C-O	14,509,000	14,509,000	
		Expansion of Fine Arts Building West KY CTC	C-O	19,042,000	19,042,000	
		Expansion of Main Campus Phase III Bowling Green TC	C-O	29,053,000	29,053,000	
		Expansion of Welding Building Hopkinsville CC	C-O	1,480,000	1,480,000	

**Kentucky Community & Technical College System (continued)**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Typ</u> <u>e</u>	<u>Total</u> <u>Budget</u>	<u>General</u> <u>Funds</u>	<u>Other Funds/</u> <u>Source(s)</u>
		Install Sprinkler Systems West KY C&TC	C-PI	672,000	672,000	
		KCTCS Equipment Pool	EQ	10,000,000	10,000,000	
		Maintenance & Renovation All Campuses Maysville CTC	C-PI	4,500,000	4,500,000	
		Property Acquisition Owensboro CTC	C-O	500,000	500,000	
		Purchase Property Southeast KY CTC Middlesboro	C-O	200,000	200,000	
		Renovate Auditorium Building Hopkinsville CC	C-PI	4,336,000	4,336,000	
		Renovate Grounds Main Campus Bowling Green TC	C-PI	6,540,000	6,540,000	
		Renovate Library into LRC Somerset North Campus	C-PI	2,415,000	2,415,000	
		Renovate Mechanical Systems Jefferson CTC SW Campus	C-PI	7,700,000	7,700,000	
		Renovate Oswald Building Cooper Campus Bluegrass C&TC	C-PI	2,470,000	2,470,000	
		Repave Lots & Construct Drives West Ky CTC	C-PI	2,304,000	2,304,000	
		Repave Parking Lots Jefferson CTC	C-PI	775,000	775,000	
		Replace HVAC Units Somerset CC South Campus	C-PI	2,542,000	2,542,000	
		Replace HVAC Main Campus Bowling Green TC	C-PI	1,000,000	1,000,000	
		Upgrade Building Utilities Jefferson CTC	C-PI	3,718,000	3,718,000	
		Upgrade Campus Lighting West KY CTC	C-PI	731,000	731,000	
		Upgrade Fire Alarm/Install Sprinkler Somerset CC	C-PI	1,803,000	1,803,000	
		<b>2014-2016 Total</b>		<b>571,536,000</b>	<b>571,536,000</b>	
		<b>Grand Total</b>		<b>1,602,569,000</b>	<b>1,589,893,000</b>	<b>12,676,000</b>
<b>Projects NOT involving the General Fund, Road Fund, or Agency Bonds</b>						
<b>2010-2012</b>						
		Acquisition of Park Hills Property Gateway CTC	C-O	1,500,000	1,500,000	RF
		Construct Child Care Facility Ashland CTC	C-O	1,676,000	1,676,000	OT-P
		Construct Child Development Center Henderson CC	C-O	3,484,000	3,484,000	OT-P
		Construct CPAT Center Fire Commission	C-O	1,500,000	1,500,000	RF
		Construct Fire Rescue Training Center WHFRTC	C-O	1,032,000	1,032,000	RF
		Const Trans Tech Building Boone Campus Gateway CTC	C-O	9,704,000	9,704,000	RF
		Guaranteed Energy Savings Project Pool	C-PI	5,000,000	5,000,000	OT-LTF
		KCTCS Property Acquisition Pool	C-O	5,500,000	5,500,000	RF
		Purchase Virtual Classroom 3D Simulator Hazard CTC	EQ	1,450,000	1,450,000	RF/FF/OT-P
		Purchase Articulated Haul Truck Hazard CTC	EQ	250,000	250,000	RF/FF
		Purchase Defensive Driving Trainers Fire Comm.	EQ	600,000	600,000	RF
		Renovate Classroom Facility Phase I Urban Campus Gateway	C-O	11,850,000	11,850,000	RF
		<b>2010-2012 Total</b>		<b>43,546,000</b>	<b>43,546,000</b>	
<b>2012-2014</b>						
		Guaranteed Energy Savings Project Pool	C-PI	5,000,000	5,000,000	OT-LTF
		KCTCS Property Acquisition Pool	C-O	6,100,000	6,100,000	RF
		Purchase Defensive Driving Trainers Fire Comm.	EQ	600,000	600,000	RF
		<b>2012-2014 Total</b>		<b>11,700,000</b>	<b>11,700,000</b>	
<b>2014-2016</b>						
		Guaranteed Energy Savings Project Pool	C-PI	5,000,000	5,000,000	OT-LTF
		KCTCS Property Acquisition Pool	C-O	6,600,000	6,600,000	RF
		Purchase Defensive Driving Trainers, Fire Comm.	EQ	600,000	600,000	RF
		<b>2014-2016 Total</b>		<b>12,200,000</b>	<b>12,200,000</b>	
		<b>Grand Total</b>		<b>67,446,000</b>	<b>67,446,000</b>	

**Kentucky State University**

**Projects involving the General Fund (Cash/Bonds)**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/Source(s)</u>
<b>2010-2012</b>						
1		Expand & Renovate Betty White Nursing Building	C-PI	7,825,000	7,825,000	
2		Replace Boiler & Add Pollution Control	C-PI	4,222,000	4,222,000	
3		Construct Pedestrian Bridge across US60	C-O	2,151,000	2,151,000	
4		Construct Business & Technology Center	C-O	27,535,000	27,535,000	
5		Capital Renewal & Maintenance Projects Pool 2010	C-PI	1,512,000	1,512,000	
6		Build Centralized Boiler Plant South Campus	C-O	24,414,000	24,414,000	
7		Replace Aging Steam/Chilled Water Pipes Phase I	C-PI	3,299,000	3,299,000	
8		Upgrade IT Infrastructure	IT	5,468,000	5,468,000	
9		Construct Classrooms/Performing Arts Center	C-O	79,842,000	79,842,000	
10		Life Safety Upgrade Pool 2010	C-PI	1,190,000	1,190,000	
11		Roof Repair & Replacement Pool 2010	C-PI	1,842,000	1,842,000	
12		Renovate Jackson Hall, Phase II	C-PI	4,915,000	4,915,000	
13		Renovate Central Computing Facility Carroll ASB	C-O	6,860,000	6,860,000	
14		Upgrade Computers Campus Wide	IT	1,055,000	1,055,000	
15		Renovate Open Computer Lab In Hill Student Center	C-O	4,706,000	4,706,000	
16		Integrated Digital Computers	IT	10,000,000	10,000,000	
17		Develop Bicycle/Pedestrian Trail	C-O	895,000	895,000	
<b>2010-2012 Total</b>				<b>187,731,000</b>	<b>187,731,000</b>	
<b>2012-2014</b>						
		Capital Renewal & Maintenance Projects Pool 2012	C-PI	1,460,000	1,460,000	
		Construct Hill Student Center Addition Phase II	C-O	13,818,000	13,818,000	
		Construct Warehouse 2014	C-O	3,597,000	3,597,000	
		Create Pedestrian Mall with Visitor Kiosk	C-O	982,000	982,000	
		Expand Emergency Notification System	IT	4,000,000	4,000,000	
		Improve Campus Landscape & Signage	C-PI	791,000	791,000	
		Renovate Blazer Library	C-PI	22,667,000	22,667,000	
		Renovate Carroll Academic Services Building	C-PI	36,007,000	36,007,000	
		Renovate or Replace Bradford Hall	C-PI	23,358,000	23,358,000	
		Replace Aging Steam/Chilled Water Pipes Phase II	C-PI	2,904,000	2,904,000	
		Replace Alumni House	C-O	1,084,000	684,000	400,000 RF
		Roof Repair & Replacement Pool 2012	C-PI	2,947,000	2,947,000	
<b>2012-2014 Total</b>				<b>113,615,000</b>	<b>113,215,000</b>	<b>400,000</b>
<b>2014-2016</b>						
		Build Central Chiller Plant South Campus	C-O	4,309,000	4,309,000	
		Construct Technology Center	C-O	19,080,000	19,080,000	
		Construct Warehouse 2016	C-O	3,181,000	3,181,000	
		Expand Alumni Stadium Dressing Room	C-O	7,334,000	7,334,000	
<b>2014-2016 Total</b>				<b>33,904,000</b>	<b>33,904,000</b>	
<b>Grand Total</b>				<b>335,250,000</b>	<b>334,850,000</b>	<b>400,000</b>

**Kentucky State University (continued)**

**Projects involving Agency Bonds**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
<b>2012-2014</b>						
1		Construct Parking Structure	C-O	1,176,400		11,764,000
		<b>2012-2014 Total</b>		<b>1,176,400</b>		<b>11,764,000</b>
		<b>Grand Total</b>		<b>1,176,400</b>		<b>1,176,400</b>

**Projects NOT involving the General Fund, Road Fund, or Agency Bonds**

<b>2010-2012</b>						
		Acquire Land/Campus Master Plan 2010	C-O	2,000,000		2,000,000 RF/FF
		Athletics Project Pool 2010	C-PI	1,443,000		1,443,000 RF
		Construct Aquaculture Academic Research Facility	C-PI	6,500,000		6,500,000 FF
		Construct New Residence Hall Phase III	C-O	46,080,000		46,080,000 OT-LTF
		Renovate Old Federal Building	C-PI	4,000,000		4,000,000 FF
		<b>2010-2012 Total</b>		<b>60,023,000</b>		<b>60,023,000</b>

<b>2012-2014</b>						
		Acquire Land/Campus Master Plan 2012	C-O	2,000,000		2,000,000 RF/FF
		Construct Retail Space/Hotel on E.Main & Douglas	C-O	30,418,000		30,418,000 OT-LTF
		Renovate Atwood Ag Research Building	C-PI	10,699,000		10,699,000 FF
		<b>2012-2014 Total</b>		<b>43,117,000</b>		<b>43,117,000</b>

<b>2014-2016</b>						
		Acquire Land/Campus Master Plan 2014	C-O	2,000,000		2,000,000 RF/FF
		<b>2014-2016 Total</b>		<b>2,000,000</b>		<b>2,000,000</b>
		<b>Grand Total</b>		<b>105,140,000</b>		<b>105,140,000</b>

**Morehead State University**

**Projects involving the General Fund (Cash/Bonds)**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/Source(s)</u>
<b>2010-2012</b>						
1		Renovate & Expand Student Center Phase II	C-O	52,921,000	52,921,000	
2		Construct Space Science Center Clean Room	C-O	4,394,000	4,394,000	
3		Purchase Equipment for Center for Health, Education, & Research	EQ	3,813,000	3,813,000	
4		Renovate Combs Classroom Building	C-PI	26,355,000	26,355,000	
5		Construct Vet Tech Clinical Services Center	C-O	22,881,000	22,881,000	
6		Construct Honors College Facility	C-O	1,802,000	1,802,000	
7		Acquire Land Related to Master Plan	C-O	4,000,000	4,000,000	
8		Comply with ADA E&G	C-PI	3,449,000	3,449,000	
9		Renovate Button Auditorium	C-O	7,598,000	7,598,000	
10		Upgrade Fire Alarms	C-PI	1,344,000	1,344,000	
11		Expand Life Safety Claypool Young Building	C-PI	1,040,000	1,040,000	
12		Construct Center for Performing Arts/Music Building	C-O	95,726,000	90,726,000	5,000,000 OT-P
13		Purchase Equipment for Biochemistry Lab	EQ	400,000	400,000	
14		Re-tube Coal Fired Boilers	C-PI	3,000,000	3,000,000	
15		Construct Classroom to the Community Facility	C-O	6,160,000	4,160,000	2,000,000 OT-P
16		Plan & Design Library Facility	C-O	1,350,000	1,350,000	
17		Enhance Library Automation	IT	1,040,000	1,040,000	
18		Enhance Network/Infrastructure Resources	IT	5,650,000	5,650,000	
19		Upgrade/Expand Distance Learning	IT	1,150,000	1,150,000	
20		Replace Jayne Stadium Turf	C-PI	1,200,000	1,200,000	
21		Construct Athlete Administration & Sports Performance Building	C-O	25,429,000	19,072,000	6,357,000 OT-P
22		Purchase Instructional Technology Initiatives	EQ	2,045,000	2,045,000	
23		Upgrade Administration Office Systems	IT	3,000,000	3,000,000	
24		Upgrade Instructional PC/LAN/PeriPhaseerals	IT	5,000,000	5,000,000	
25		Construct Classroom/Lab Building at Browning Orchard	C-O	1,452,000	1,452,000	
26		Capital Renewal & Maintenance Pool University Farm	C-PI	1,076,000	1,076,000	
27		Capital Renewal & Maintenance Pool E&G	C-PI	6,795,000	6,795,000	
28		Renovate Academic Center & Tennis Team Facilities	C-PI	4,848,000	4,848,000	
29		Construct Plant Facilities	C-O	7,155,000	7,155,000	
30		Reconstruct Central Campus	C-O	2,500,000	2,500,000	
<b>2010-2012 Total</b>				<b>304,573,000</b>	<b>291,216,000</b>	<b>13,357,000</b>

**Morehead State University (continued)**

**Projects involving the General Fund (Cash/Bonds)**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
<b>2012-2014</b>						
		Acquire Land Related to Master Plan	C-O	4,000,000	4,000,000	
		Capital Renewal & Maintenance Pool E&G	C-PI	1,112,000	1,112,000	
		Comply with ADA E&G	C-PI	4,034,000	4,034,000	
		Construct General Office Building	C-O	13,845,000	13,845,000	
		Construct IRAPP Academic Building	C-O	16,108,000	16,108,000	
		Construct New Facility for University Advancement	C-O	10,500,000	10,500,000	
		Construct New Library Facility	C-O	64,576,000	64,576,000	
		Construct New Softball Facility	C-O	9,011,000	9,011,000	
		Reconstruct/Relocate Allen Field	C-PI	11,835,000	11,835,000	
		Renovate Ginger Hall Classroom Building	C-PI	34,859,000	34,859,000	
		Renovate Jayne Stadium	C-PI	27,708,000	27,708,000	
		Renovate Laughlin Building & Wetherby Gym	C-O	9,644,000	9,644,000	
		Renovate Lloyd Cassity Building	C-PI	19,286,000	19,286,000	
		<b>2012-2014 Total</b>		<b>226,518,000</b>	<b>226,518,000</b>	
<b>2014-2016</b>						
		Acquire Land Related to Master Plan	C-O	4,000,000	4,000,000	
		Capital Renewal & Maintenance Pool E&G	C-PI	2,662,000	2,662,000	
		Comply with ADA E&G	C-PI	4,358,000	4,358,000	
		Construct Indoor Practice Facility	C-O	10,324,000	10,324,000	
		Construct KY Center for Traditional Music	C-O	8,658,000	7,658,000	1,000,000 OT-P
		Construct New Intramural Fields	C-O	4,658,000	4,658,000	
		Expand Claypool Young Building	C-PI	2,549,000	2,549,000	
		Expand Life Safety E&G Facilities	C-PI	766,000	766,000	
		Renovate Academic Athletic Center	C-PI	21,295,000	21,295,000	
		Renovate Reed Hall	C-PI	24,337,000	24,337,000	
		Replace Coal Fired Boilers	C-PI	34,100,000	34,100,000	
		Replace Electrical Switchgear	C-PI	1,950,000	1,950,000	
		<b>2014-2016 Total</b>		<b>119,657,000</b>	<b>118,657,000</b>	<b>1,000,000</b>
		<b>Grand Total</b>		<b>650,748,000</b>	<b>636,391,000</b>	<b>14,357,000</b>

**Morehead State University (continued)**

**Projects involving Agency Bonds**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
<b>2010-2012</b>						
1		Renovate East Mignon Residence Hall	C-PI	4,948,000		4,948,000
2		Renovate West Mignon Residence Hall	C-PI	4,948,000		4,948,000
3		Construct Food Service/Retail & Parking Structure	C-O	16,786,000		16,786,000
4		Replace Exterior Precast Panels Nunn Hall	C-O	3,000,000		3,000,000
5		Construct Student Residential Apartment Complex	C-O	52,123,000		52,123,000
6		Construct Residential Facility at University Farm	C-O	2,524,000		2,524,000
7		Comply with ADA Auxiliary	C-PI	3,065,000		3,065,000
<b>2010-2012 Total</b>				<b>101,182,000</b>		<b>101,182,000</b>
<b>2012-2014</b>						
		Comply with ADA Auxiliary	C-PI	3,311,000		3,311,000
		Renovate Cartmell Residence Hall	C-PI	10,235,000		10,235,000
		Renovate Mignon Residence Hall	C-PI	8,246,000		8,246,000
<b>2012-2014 Total</b>				<b>21,792,000</b>		<b>21,792,000</b>
<b>2014-2016</b>						
		Comply with ADA Auxiliary	C-PI	3,577,000		3,577,000
<b>2014-2016 Total</b>				<b>3,577,000</b>		<b>3,577,000</b>
<b>Grand Total</b>				<b>126,551,000</b>		<b>126,551,000</b>

**Projects NOT involving the General Fund, Road Fund, or Agency Bonds**

<b>2010-2012</b>						
		Capital Renewal & Maintenance Pool Auxiliary	C-PI	2,284,000		2,284,000 RF
		Construct Morehead/Rowan County Public Safety Complex	C-O	11,504,000		11,504,000 FF
<b>2010-2012 Total</b>				<b>13,788,000</b>		<b>13,788,000</b>
<b>Grand Total</b>				<b>13,788,000</b>		<b>13,788,000</b>

**Murray State University**

**Projects involving the General Fund (Cash/Bonds)**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
<b>2010-2012</b>						
1		Construct/Complete New Science Complex Final Phase	C-O	30,100,000	30,100,000	
2		Construct New University Library	C-O	58,000,000	58,000,000	
3		Upgrade Campus Electrical Distribution System	C-PI	11,079,000	11,079,000	
4		Construct Paducah Regional Campus Facility	C-O	17,646,000	17,646,000	
5		Construct New Breathitt Veterinary Center	C-O	30,000,000	30,000,000	
6		Renovate Breathitt Veterinary Center	C-PI	8,000,000	8,000,000	
7		Renovate Blackburn Science	C-PI	28,903,000	28,903,000	
8		Construct Madisonville Postsecondary Education Center	C-O	19,574,000	19,574,000	
9		Acquire Farm Laboratory Land	C-O	2,000,000	2,000,000	
10		Complete Life Safety Projects E&G Pool < \$600,000	C-PI	1,042,000	1,042,000	
11		Complete Capital Renewal E&G Pool < \$600,000	C-PI	14,783,000	14,783,000	
12		Renovate Lovett Auditorium	C-PI	21,967,000	21,967,000	
13		Complete ADA Compliance E&G Pool < \$600,000	C-PI	4,604,000	4,604,000	
14		Demolish Ordway Hall	C-PI	1,158,000	1,158,000	
15		Construct Open-sided Stall Barn at Expo Center	C-O	992,000	992,000	
16		ITV Upgrade to Murray State System	IT	1,453,000	1,453,000	
17		Campus Desktop Virtualization	IT	1,725,000	1,725,000	
18		Construct Livestock Instructional Laboratory	C-O	1,700,000	1,700,000	
19		Install Sprinkler System Blackburn Science Building	C-PI	1,000,000	1,000,000	
20		Renovate Pogue Library Electric & HVAC	C-PI	978,000	978,000	
21		Replace Breathitt Vet Center Heating & Cooling System	C-PI	1,860,000	1,860,000	
22		Replace Central Plant Boilers	C-PI	820,000	820,000	
23		Student Desktop Virtualization	IT	1,150,000	1,150,000	
24		Upgrade Applied Science Electrical System	C-PI	1,029,000	1,029,000	
25		Renovate A. Carman Pavilion Completion	C-PI	605,000	605,000	
26		Chemistry Instructional & Research Instruments	C-PI	2,450,000	2,450,000	
27		College of Science Instructional & Research Instruments	EQ	2,000,000	2,000,000	
<b>2010-2012 Total</b>				<b>266,618,000</b>	<b>266,618,000</b>	
<b>2012-2014</b>						
		Abate Asbestos: E&G Pool < \$600,000	C-PI	504,000	504,000	
		Agriculture Instructional Lab & Technology Equipment	EQ	800,000	800,000	
		Broadcasting Education Lab Equipment	EQ	225,000	225,000	
		Campus Backbone 10 GigE Upgrade	IT	775,000	775,000	
		Centralized Technology Refresh Program	IT	2,600,000	2,600,000	
		Construct Campus Parking Garage	C-O	9,767,000	9,767,000	
		Construct Center for Appl & Basic Environmental Research	C-O	6,727,000	6,727,000	
		Construct Student Services Center Complex	C-O	11,325,000	11,325,000	
		Demolish Cutchin Field House/Racer Arena	C-O	4,000,000	4,000,000	
		Extend Energy Management System	C-PI	7,242,000	7,242,000	
		Fine Arts Studio Equipment	EQ	500,000	500,000	
		Humanities & Fine Arts Instruction/Studio Equipment	EQ	250,000	250,000	
		Install Additional Chiller Heating & Cooling Plant	C-PI	822,000	822,000	
		Install Card-Operated Electronic Locks Academic Building	C-PI	9,410,000	9,410,000	
		Music Education Equipment	EQ	500,000	500,000	

**Murray State University (continued)**

**Projects involving the General Fund (Cash/Bonds)**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
		Network Equipment Infrastructure Upgrade	IT	2,000,000	2,000,000	
		Recording/Playback Lab & Instruments	EQ	200,000	200,000	
		Renovate Buildings: E&G Pool < \$600,000	C-PI	5,166,000	5,166,000	
		Renovate Pogue Library	C-PI	6,642,000	6,642,000	
		Renovate Woods Hall	C-PI	14,500,000	14,500,000	
		Replace Campus Communications Infrastructure	C-PI	3,000,000	3,000,000	
		Upgrade Sparks Hall Electrical System	C-PI	1,252,000	1,252,000	
		<b>2012-2014 Total</b>		<b>88,207,000</b>	<b>88,207,000</b>	
<b>2014-2016</b>						
		Complete Modernization/Addition Waterfield Lib	C-PI	13,180,000	13,180,000	
		Construct Agriculture Science & Technology Center	C-O	48,548,000	48,548,000	
		Construct College of Business & Public Affairs Building	C-O	51,262,000	51,262,000	
		Construct College of Health Science & Human Services Building	C-O	28,656,000	28,656,000	
		Construct High Density Storage/Archive Facility	C-O	8,420,000	8,420,000	
		Construct Motor Pool Maintenance Facility	C-O	4,923,000	4,923,000	
		Install 350 Ton Chiller Reg Special Events Center	C-PI	859,000	859,000	
		Install Baseball Field & Stadium Sidewalk Lights	C-O	786,000	786,000	
		Modernize Business Building Electric, HVAC, & Classrooms	C-PI	6,028,000	6,028,000	
		Refurbish Animal Holding Center Breathitt Vet Center	C-PI	987,000	987,000	
		Renovate Alexander Hall (Old Special Ed) HVAC System	C-PI	655,000	655,000	
		Renovate Applied Science Classrooms & Offices	C-PI	7,875,000	7,875,000	
		Renovate Exposition Center	C-PI	7,007,000	7,007,000	
		Renovate General Services HVAC System	C-PI	668,000	668,000	
		Renovate Mason Hall Labs/Classrooms/Systems/Etc.	C-PI	3,275,000	3,275,000	
		Renovate Reg Special Events Center Electrical/Mechanical	C-PI	2,620,000	2,620,000	
		Renovate Wells Hall Interior	C-PI	4,304,000	4,304,000	
		Repair Stewart Stadium Structural	C-PI	2,880,000	2,880,000	
		Replace E&G Chiller/CFC Compliance	C-PI	768,000	768,000	
		Replace North Campus Complex Parking Lot	C-PI	738,000	738,000	
		Replace Waterfield Library HVAC & Mechanical System	C-PI	655,000	655,000	
		Replace/Retrofit Doyle Fine Arts HVAC & Energy	C-PI	1,053,000	1,053,000	
		Upgrade E&G Building Fire Alarms to Fully Address	C-PI	785,000	785,000	
		Upgrade Wells Hall EleCenterical System	C-PI	822,000	822,000	
		<b>2014-2016 Total</b>		<b>197,754,000</b>	<b>197,754,000</b>	
		<b>Grand Total</b>		<b>552,579,000</b>	<b>552,579,000</b>	

**Murray State University (continued)**

**Projects involving Agency Bonds**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
<b>2010-2012</b>						
1		Renovate Elizabeth Hall	C-PI	8,896,000		8,896,000
2		Renovate Hester Hall	C-PI	9,666,000		9,666,000
3		Renovate College Courts	C-PI	10,000,000		10,000,000
4		Complete Capital Renewal: H & D Pool < \$600,000	C-PI	7,339,000		7,339,000
5		Complete ADA Compliance: H & D Pool < \$600,000	C-PI	1,031,000		1,031,000
6		Abate Asbestos: H & D Pool < \$600,000	C-PI	1,529,000		1,529,000
7		Renovate Curris Center TRoom & Food Service Equip	C-PI	1,008,000		1,008,000
<b>2010-2012 Total</b>				<b>39,469,000</b>		<b>39,469,000</b>
<b>2012-2014</b>						
		Renovate Elizabeth Hall Electrical System	C-PI	721,000		721,000
		Renovate Elizabeth Hall HVAC System	C-PI	1,571,000		1,571,000
		Renovate Elizabeth Hall Interior	C-PI	917,000		917,000
		Renovate Hart Hall Electrical System	C-PI	851,000		851,000
		Renovate Hart Hall Interior	C-PI	1,571,000		1,571,000
		Renovate Hester Hall Electrical System	C-PI	760,000		760,000
		Renovate Hester Hall HVAC System	C-PI	1,310,000		1,310,000
		Renovate Hester Hall Interior	C-PI	917,000		917,000
		Renovate Regents Hall	C-PI	10,803,000		10,803,000
		Renovate Regents Hall Electrical System	C-PI	851,000		851,000
		Renovate Regents Hall HVAC System	C-PI	1,310,000		1,310,000
		Renovate Regents Hall Interior	C-PI	1,048,000		1,048,000
		Renovate White Hall	C-PI	10,135,000		10,135,000
		Renovate White Hall Electrical System	C-PI	786,000		786,000
		Renovate White Hall HVAC System	C-PI	1,618,000		1,618,000
		Renovate White Hall Interior	C-PI	917,000		917,000
		Renovate Winslow Cafeteria Kitchen	C-PI	4,166,000		4,166,000
		Replace Franklin Hall	C-O	18,290,000		18,290,000
		Replace Hart Hall Chiller, Boilers, Towers, Etc	C-PI	1,571,000		1,571,000
		Replace Hester Hall Boiler, Water Heater, Etc	C-PI	786,000		786,000
<b>2012-2014 Total</b>				<b>60,899,000</b>		<b>60,899,000</b>
<b>2014-2016</b>						
		Renovate Franklin Hall HVAC System	C-PI	1,428,000		1,428,000
		Renovate Franklin Hall Interior	C-PI	786,000		786,000
		Renovate Hart Hall	C-PI	18,199,000		18,199,000
		Renovate Springer Hall HVAC & Electrical Systems	C-PI	2,618,000		2,618,000
		Renovate Springer Hall Interior	C-PI	786,000		786,000
		Replace Franklin Hall Water Piping, Fixtures, Etc	C-PI	1,428,000		1,428,000
		Replace Regents Hall Domestic Water Piping	C-PI	655,000		655,000
		Replace Springer Hall	C-O	18,578,000		18,578,000
		Replace Springer Hall Water Piping, Fixtures, Etc	C-PI	1,636,000		1,636,000
		Replace White Hall Domestic Water Piping	C-PI	655,000		655,000
<b>2014-2016 Total</b>				<b>3,577,000</b>		<b>3,577,000</b>
<b>Grand Total</b>				<b>103,945,000</b>		<b>103,945,000</b>

**Murray State University (continued)**

**Projects NOT involving the General Fund, Road Fund, or Agency Bonds**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
<b>2010-2012</b>						
		Acquire Land	C-O	1,000,000	1,000,000	RF
		Complete Business & Research Center Tenant Space	C-O	1,948,000	1,948,000	RF
		Construct Multipurpose Practice Facility	C-O	4,000,000	4,000,000	OT-P
		Establish Guaranteed Energy Savings Project-Phase 2	C-PI	12,100,000	12,100,000	OT-LTF
		Scanning Electron Microscope Hancock Bio Stat	EQ	450,000	450,000	RF/FF
		<b>2010-2012 Total</b>		<b>19,498,000</b>	<b>19,498,000</b>	
		<b>Grand Total</b>		<b>19,498,000</b>	<b>19,498,000</b>	

**Northern Kentucky University**

**Projects involving the General Fund (Cash/Bonds)**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
<b>2010-2012</b>						
1		Construct Health Innovation/Renovate Old Science	C-O	92,500,000	92,500,000	
2		Construct New College of Business Building	C-O	80,000,000	80,000,000	
3		Construct Chiller Plant	C-O	15,000,000	15,000,000	
4		Renovate Old Civic Center Building	C-O	3,700,000	3,700,000	
5		Renew E&G Fire Alarm Systems	C-PI	2,875,000	2,875,000	
6		Renew/Renovate University Center Phase II	C-O	38,000,000	38,000,000	
7		Acquire/Renovate Gateway/Highland Heights Campus	C-O	9,000,000	9,000,000	
8		Repair Structural Heaving L&rum & Fine Arts	C-PI	3,500,000	3,500,000	
9		Renovate Applied Science & Tech First Floor	C-PI	3,300,000	3,300,000	
10		Construct/Renovate Albright Health Center	C-O	85,000,000	85,000,000	
11		Renew E&G Elevators 2010-2012	C-PI	1,400,000	1,400,000	
12		Acquire Land/Master Plan 2010-2012	C-O	20,000,000	20,000,000	
13		Restore Albright Health Center Roof	C-PI	995,000	995,000	
14		Relocate Early Childcare Center	C-O	5,200,000	5,200,000	
15		Construct New Center for Legal Education	C-O	96,000,000	96,000,000	
16		Replace Administrative Application System, Phase IV	IT	15,000,000	15,000,000	
17		E&G Minor Projects Pool 2010-2012	C-PI	3,200,000	3,200,000	
18		Renew/Renovate Fine Arts Center	C-PI	64,000,000	64,000,000	
19		Relocate Master Plan Infrastructure	C-O	17,160,000	17,160,000	
20		Purchase Ion Beam System	EQ	270,000	270,000	
21		Purchase FT-IR & Raman Microscope	EQ	395,000	395,000	
22		Purchase DART Mass Spectrometer	EQ	295,000	295,000	
23		Purchase DNA Analyzer System	EQ	390,000	390,000	
24		Initiate Phase II of Master Plan	C-O	3,500,000	3,500,000	
25		Upgrade Communication & Network Infrastructure	IT	2,500,000	2,500,000	
26		Enhance IT Infrastructure	IT	1,850,000	1,850,000	
27		Enhance Instructional Technology	IT	5,090,000	5,090,000	
28		Purchase ICP Mass Spectrometer	EQ	300,000	300,000	
29		Purchase Calorimetry Instrumentation	EQ	295,000	295,000	
30		Implement Web 2.0 & Mobile Applications	IT	1,000,000	1,000,000	
31		Improve Customer Service System & Technology	IT	600,000	600,000	
32		Purchase Fluorescence Life-Time Apparatus	EQ	295,000	295,000	
33		Renew/Renovate Regents Hall	C-PI	8,500,000	8,500,000	
34		Purchase Field Emission Microscope	EQ	380,000	380,000	
35		Purchase Optical Paragetic Oscillator	EQ	295,000	295,000	
36		Purchase Concrete Testing Equipment	EQ	250,000	250,000	
37		Purchase Materials Strength Testing Equipment	EQ	325,000	325,000	
38		Purchase Mobile Science Lab	EQ	320,000	320,000	
39		Replace Mobile TV Production Unit	EQ	650,000	650,000	
<b>2010-2012 Total</b>				<b>583,330,000</b>	<b>583,330,000</b>	

**Northern Kentucky University (continued)**

**Projects involving the General Fund (Cash/Bonds)**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
<b>2012-2014</b>						
		Acquire Land/Master Plan 2012-2014	C-O	20,000,000	20,000,000	
		Construct New Data Center/Info Tech Center	C-O	42,000,000	42,000,000	
		E&G Minor Projects Pool 2012-2014	C-PI	2,700,000	2,700,000	
		Renew Administrative Center	C-PI	47,000,000	47,000,000	
		Renew Applied Science & Technology	C-PI	38,000,000	38,000,000	
		Renew E&G Elevators 2012-2014	C-PI	865,000	865,000	
		Renew Steely Library	C-PI	48,000,000	48,000,000	
		Renew/Expand Old Power Plant	C-PI	20,000,000	20,000,000	
		Renew/Renovate BEP Center	C-PI	39,000,000	39,000,000	
		Renew/Renovate Landrum Hall	C-PI	40,000,000	40,000,000	
		Repair Structural Heaving Nunn & Applied Science	C-PI	2,400,000	2,400,000	
		<b>2012-2014 Total</b>		<b>299,965,000</b>	<b>299,965,000</b>	
<b>2014-2016</b>						
		Acquire Land/Master Plan 2014-2016	C-O	25,000,000	25,000,000	
		Construct New Academic Building	C-O	53,000,000	53,000,000	
		E&G Minor Projects Pool 2014-2016	C-PI	1,200,000	1,200,000	
		Renew/Renovate Nunn Hall	C-PI	40,000,000	40,000,000	
		<b>2014-2016 Total</b>		<b>119,200,000</b>	<b>119,200,000</b>	
		<b>Grand Total</b>		<b>1,002,495,000</b>	<b>1,002,495,000</b>	

**Projects involving Agency Bonds**

<b>2010-2012</b>						
1		Acquire Radio Communications	C-O	10,000,000		10,000,000
2		Repair University Drive Parking Garage	C-PI	2,000,000		2,000,000
3		Construct/Acquire New Residence Hall	C-O	33,000,000		33,000,000
4		Renew/Expand Norse Commons	C-O	8,000,000		8,000,000
5		Replace University Suites HVAC Equipment	C-PI	1,140,000		1,140,000
6		Expand Parking Garage	C-O	18,000,000		18,000,000
7		Construct Satellite Parking Lot	C-O	3,775,000		3,775,000
		<b>2010-2012 Total</b>		<b>75,915,000</b>		<b>75,915,000</b>
<b>2012-2014</b>						
		Construct Parking Garage #4	C-O	26,000,000		26,000,000
		Renew/Renovate Residential Village	C-PI	9,000,000		9,000,000
		<b>2012-2014 Total</b>		<b>12,000,000</b>		<b>12,000,000</b>
<b>2014-2016</b>						
		Construct New Residence Hall 2014-2016	C-O	38,000,000		38,000,000
		Construct Parking Garage #5	C-O	28,500,000		28,500,000
		<b>2014-2016 Total</b>		<b>66,500,000</b>		<b>66,500,000</b>
		<b>Grand Total</b>		<b>154,415,000</b>		<b>154,415,000</b>

**Northern Kentucky University (continued)**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
<b>2010-2012</b>						
		Construct Center for Informatics Additional Funds	C-O	4,000,000		4,000,000 RF
		Construct Intramural Fields	C-O	2,500,000		2,500,000 RF
		Enhance Softball & Tennis Complex	C-O	5,500,000		5,500,000 RF
		Housing/Minor Projects Pool 2010-2012	C-O	2,750,000		2,750,000 RF
		Lease-Purchase Coach Bus	EQ	690,000		690,000 OT-LTF
		Purchase Large Format Color Press	EQ	325,000		325,000 OT-LTF
		Reconstruct Central Plaza Phase II	C-O	17,500,000		17,500,000 OT-P
		Renovate/Expand Baseball Field	C-O	3,000,000		3,000,000 RF
		<b>2010-2012 Total</b>		<b>36,265,000</b>		<b>36,265,000</b>
<b>2012-2014</b>						
		Construct Alumni Center	C-O	10,500,000		10,500,000 OT-P
		Construct Athletics Practice Facility	C-O	9,800,000		9,800,000 OT-P
		Construct Track & Field Stadium	C-O	9,000,000		9,000,000 OT-P
		<b>2012-2014 Total</b>		<b>29,300,000</b>		<b>29,300,000</b>
<b>2014-2016</b>						
		Construct New Baseball Stadium	C-O	10,600,000		10,600,000 OT-P
		Construct New Tennis Complex	C-O	19,000,000		19,000,000 OT-P
		<b>2014-2016 Total</b>		<b>29,600,000</b>		<b>29,600,000</b>
		<b>Grand Total</b>		<b>348,385,000</b>		<b>348,385,000</b>

**University of Kentucky**

**Projects involving the General Fund (Cash/Bonds)**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/Source(s)</u>
<b>2010-2012</b>						
1		Construct Science Research Building 2	C-O	205,880,000	205,880,000	
2		Construct Gatton Building Complex	C-O	142,460,000	117,460,000	25,000,000 OT-P
3		Research Equipment Replacement Program	EQ	30,000,000	30,000,000	
4		Improve Life Safety Project Pool	C-PI	15,000,000	15,000,000	
5		Repair-Upgrade-Improve Electrical Infrastructure	C-PI	28,000,000	28,000,000	
6		Repair-Upgrade-Improve Mechanical Infrastructure	C-PI	26,000,000	26,000,000	
7		Repair-Upgrade-Improve Building Mechanical Systems	C-PI	25,000,000	25,000,000	
8		Repair-Upgrade-Improve Building Shell Systems	C-PI	5,000,000	5,000,000	
9		Repair-Upgrade-Improve Building Electrical Systems	C-PI	5,000,000	5,000,000	
10		Repair-Upgrade-Improve Building Elevator Systems	C-PI	5,000,000	5,000,000	
11		Repair-Upgrade-Improve Civil/Site Infrastructure	C-PI	14,000,000	14,000,000	
12		Lease-Purchase Pollution Controls	C-PI	22,600,000	22,600,000	
13		Capital Renewal Maintenance Pool	C-PI	33,750,000	33,750,000	
<b>2010-2012 Total</b>				<b>557,690,000</b>	<b>532,690,000</b>	<b>25,000,000</b>
<b>2012-2014</b>						
		Capital Renewal Maintenance Pool	C-PI	33,750,000	33,750,000	
		Construct Academic Science Building	C-O	144,795,000	144,795,000	
		Construct Classroom & Class Lab Building	C-O	40,370,000	40,370,000	
		Construct Center Disability Research & Training	C-O	23,135,000	23,135,000	
		Construct Environmental & Natural Science Facility	C-O	64,000,000	64,000,000	
		Construct Human Sciences Building	C-O	64,725,000	64,725,000	
		Construct Law School Building	C-O	123,135,000	108,135,000	15,000,000 OT-P
		Construct Office/Lecture Building	C-O	30,685,000	30,685,000	
		Construct Psychology Building	C-O	41,420,000	41,420,000	
		Construct Science Research Building 3	C-O	225,470,000	225,470,000	
		Design Library/Knowledge Center	C-O	22,220,000	22,220,000	
		Expand/Renovate Art Museum in Singletary Center	C-O	33,000,000	33,000,000	
		Improve Life Safety Project Pool	C-PI	2,000,000	2,000,000	
		Renovate Bradley Hall	C-PI	9,500,000	9,500,000	
		Renovate Sections of Funkhouser, Phase 2	C-PI	10,890,000	10,890,000	
		Repair-Upgrade-Improve Building Electrical Systems	C-PI	5,000,000	5,000,000	
		Repair-Upgrade-Improve Building Elevator Systems	C-PI	5,000,000	5,000,000	
		Repair-Upgrade-Improve Building Mechanical Systems	C-PI	25,000,000	25,000,000	
		Repair-Upgrade-Improve Building Shell Systems	C-PI	5,000,000	5,000,000	
		Repair-Upgrade-Improve Civil/Site Infrastructure	C-PI	14,000,000	14,000,000	
		Repair-Upgrade-Improve Electrical Infrastructure	C-PI	28,000,000	28,000,000	
		Repair-Upgrade-Improve Mechanical Infrastructure	C-PI	26,000,000	26,000,000	
		Upgrade Fume Hood in Combs Building Life Safety	C-PI	3,750,000	3,750,000	
		Upgrade Fume Hoods Life Safety	C-PI	10,610,000	10,610,000	
		Upgrade PhaseRoomacy Fume Hood I Life Safety	C-PI	10,575,000	10,575,000	
<b>2012-2014 Total</b>				<b>1,002,030,000</b>	<b>987,030,000</b>	<b>15,000,000</b>

**University of Kentucky (continued)**

**Projects involving the General Fund (Cash/Bonds)**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
<b>2014-2016</b>						
		Capital Renewal Maintenance Pool	C-PI	33,750,000	33,750,000	
		Construct College of Medicine Academic Building	C-O	129,200,000	129,200,000	
		Construct Library/Knowledge Center	C-O	207,600,000	207,600,000	
		Construct School of Music Building	C-O	101,875,000	101,875,000	
		Construct Science Research Building 4	C-O	171,800,000	171,800,000	
		Expand College of Communication & Information Studies	C-O	26,365,000	26,365,000	
		Improve Life Safety Project Pool	C-PI	3,500,000	3,500,000	
		Renovate King Library South 1930 section	C-PI	30,485,000	30,485,000	
		Renovate Taylor Education Building	C-PI	70,940,000	70,940,000	
		Repair-Upgrade-Improve Building Electrical Systems	C-PI	5,000,000	5,000,000	
		Repair-Upgrade-Improve Building Elevator Systems	C-PI	5,000,000	5,000,000	
		Repair-Upgrade-Improve Building Mechanical Systems	C-PI	22,500,000	22,500,000	
		Repair-Upgrade-Improve Building Shell Systems	C-PI	5,000,000	5,000,000	
		Repair-Upgrade-Improve Civil/Site Infrastructure	C-PI	14,000,000	14,000,000	
		Repair-Upgrade-Improve Electrical Infrastructure	C-PI	28,000,000	28,000,000	
		Repair-Upgrade-Improve Mechanical Infrastructure	C-PI	26,000,000	26,000,000	
		Sprinkle Buildings Life Safety	C-PI	10,750,000	10,750,000	
		<b>2014-2016 Total</b>		<b>891,765,000</b>	<b>891,765,000</b>	
		<b>Grand Total</b>		<b>2,451,485,000</b>	<b>2,411,485,000</b>	<b>40,000,000</b>

**Projects involving Agency Bonds**

<b>2010-2012</b>						
1		Relocate & Expand Dentistry Faculty Practice	C-PI	3,375,000		3,375,000
2		Upgrade Student Center Infrastructure	C-O	17,805,000		17,805,000
3		Renovate Dentistry Clinic in KY Clinic	C-PI	7,615,000		7,615,000
		<b>2010-2012 Total</b>		<b>28,795,000</b>		<b>28,795,000</b>
<b>2012-2014</b>						
		Renovate Alumni Gym	C-PI	12,485,000		12,485,000
		Renovate Complex Commons Dining Area	C-PI	12,825,000		12,825,000
		Renovate/Expand University Student Center Phase 1	C-O	53,053,000		53,053,000
		Sanitary Sewer Expansion	C-O	10,000,000		10,000,000
		Upgrade Existing Dorms for Housing I	C-PI	34,000,000		34,000,000
		Upgrade Existing Dorms for Housing II	C-PI	40,000,000		40,000,000
		<b>2012-2014 Total</b>		<b>12,000,000</b>		<b>12,000,000</b>
<b>2014-2016</b>						
		Construct South Campus Dining Facility	C-O	36,840,000		36,840,000
		<b>2014-2016 Total</b>		<b>36,840,000</b>		<b>36,840,000</b>
		<b>Grand Total</b>		<b>232,050,000</b>		<b>232,050,000</b>

University of Kentucky (continued)

Projects NOT involving the General Fund, Road Fund, or Agency Bonds

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/Source(s)</u>
<b>2010-2012</b>						
		Acquire Land	C-O	50,000,000		50,000,000 RF
		Construct Baseball Stadium & Clubhouse	C-O	37,750,000		37,750,000 OT-P
		Construct Energy Performance Contracting	C-PI	1,000		1,000 RF
		Construct Equine Campus	C-O	11,250,000		11,250,000 OT-P
		Construct Facilities Storage Building	C-O	6,120,000		6,120,000 RF
		Construct Library Depository Facility	C-O	7,625,000		7,625,000 RF
		Construct Parking Structure #9 (Lease-Purchase)	C-O	44,100,000		44,100,000 OT-LTF
		Construct Student-Athlete Residence Hall	C-PI	6,500,000		6,500,000 OT-P
		Convert Taylor Ed. Space to Offices & Classroom	C-PI	5,875,000		5,875,000 RF
		Design Student Center Expansion/Renovation	C-O	6,535,000		6,535,000 RF
		Expand & Renovate W.KY & Robinson Station	C-O	9,835,000		9,835,000 RF
		Expand & Renovate CAER Laboratories	C-O	5,445,000		5,445,000 RF
		Expand Boone Tennis Center	C-O	6,500,000		6,500,000 OT-P
		Expand Coldstream Research Campus	C-PI	20,000,000		20,000,000 RF
		Expand CRMS & Raymond Civil Engineering Building	C-O	25,770,000		25,770,000 RF
		Expand KGS Well Sample & Core Repository	C-O	5,280,000		5,280,000 RF
		Expand Pence Hall	C-O	35,000,000		35,000,000 RF
		Expand/Renovate Sturgill Development Building	C-O	1,500,000		1,500,000 OT-P
		Fit-Up CAER CTL Mini-Refinery Building	C-PI	12,000,000		12,000,000 RF
		Fit-Up Pharmacy Building Lab Space	C-O	28,600,000		28,600,000 RF
		Handicapped Access Pool	C-PI	1,000,000		1,000,000 RF
		Lease Purchase Campus Call Center System	IT	750,000		750,000 RF
		Lease Purchase Campus Infrastructure Upgrade	C-O	3,500,000		3,500,000 RF
		Lease Purchase Data Archiving (ASG)	EQ	900,000		900,000 RF
		Lease Purchase Data Center	C-O	40,000,000		40,000,000 RF
		Lease Purchase Data Warehouse/Infrastructure	IT	1,800,000		1,800,000 RF
		Lease Purchase Digital Village Building 3	C-O	24,180,000		24,180,000 RF
		Lease Purchase Document Imaging (ASG)	EQ	775,000		775,000 RF
		Lease Purchase Enterprise Storage System	IT	2,200,000		2,200,000 RF
		Lease Purchase ERP Phase IV	IT	5,000,000		5,000,000 RF
		Lease Purchase Exchange Replacement	IT	1,000,000		1,000,000 RF
		Lease Purchase High Performance Research Comp.	IT	6,500,000		6,500,000 RF
		Lease Purchase Large Scale Computing	IT	3,500,000		3,500,000 RF
		Lease Purchase Network Security Hardware	IT	1,500,000		1,500,000 RF
		Lease Purchase New Housing	C-O	52,500,000		52,500,000 OT-LTF
		Lease Purchase PKS2 Frame Room Emergency Generator	C-PI	3,500,000		3,500,000 RF
		Lease Purchase Remote Site Fiber	C-O	2,000,000		2,000,000 RF
		Lease Purchase Soccer/Softball Facilities	C-PI	3,000,000		3,000,000 OT-P
		Lease Purchase Track & Field Facility	C-O	14,100,000		14,100,000 OT-P
		Lease Purchase Wireless/Cellular Infrastructure	IT	3,000,000		3,000,000 RF
		Lease-Purchase Off Campus Office Building	C-O	10,000,000		10,000,000 RF
		Lease-Purchase Police Communications Equipment	IT	675,000		675,000 RF
		Purchase Automatic Window Shades for WT Young	EQ	250,000		250,000 RF
		Purchase Circular Dichroism Spectrometer	EQ	210,000		210,000 RF
		Purchase Compact Shelving Fine Arts Library	EQ	500,000		500,000 RF
		Purchase Electrospray LC Tandem Mass Spectrometer	EQ	325,000		325,000 RF

University of Kentucky (continued)

Projects NOT involving the General Fund, Road Fund, or Agency Bonds

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
		Purchase High Resolution Vacuum Ultra Photo Spec	EQ	590,000		590,000 RF
		Purchase Matrix Assisted Laser Mass Spectrometer	EQ	250,000		250,000 RF
		Purchase Metabolic Instructional System	EQ	205,000		205,000 RF
		Purchase Physical Chemistry Teaching Laboratory	EQ	240,000		240,000 RF
		Purchase Precision Machining System	EQ	250,000		250,000 RF
		Purchase Raman Spectrometer	EQ	750,000		750,000 RF
		Purchase Shelving for Storage Facility	EQ	525,000		525,000 RF
		Purchase Upgraded Communication Infrastructure	IT	1,015,000		1,015,000 RF
		Purchase Upgraded Integrated Library System	IT	1,000,000		1,000,000 RF
		Relocate Greenhouses	C-O	9,310,000		9,310,000 RF
		Renovate/Expand DLAR Quarantine Facility Spindletop	C-PI	3,750,000		3,750,000 RF
		Renovate Chemistry/Physics Building	C-PI	3,500,000		3,500,000 RF
		Renovate 3rd Floor Little Library	C-PI	1,000,000		1,000,000 RF
		Renovate Central Computing Facility	C-PI	5,000,000		5,000,000 RF
		Renovate Central DLAR Facility	C-PI	2,680,000		2,680,000 RF
		Renovate Dentistry Class Lab	C-PI	3,265,000		3,265,000 RF
		Renovate Erikson Hall	C-PI	12,000,000		12,000,000 RF
		Renovate King Library South 1962 Section Phase II	C-PI	3,600,000		3,600,000 RF
		Renovate Memorial Coliseum Seating Area	C-O	4,000,000		4,000,000 OT-P
		Renovate Memorial Hall	C-PI	1,500,000		1,500,000 RF
		Renovate Mineral Industries Building	C-PI	4,900,000		4,900,000 RF
		Renovate Nursing Building	C-PI	3,405,000		3,405,000 RF/FF
		Renovate Old Northside Library Building	C-PI	3,500,000		3,500,000 RF
		Renovate Old Pharmacy Building for Biology	C-PI	40,165,000		40,165,000 RF
		Renovate Reynolds Building Phase 1	C-PI	3,270,000		3,270,000 RF
		Renovate Schmidt Vocal Arts Center	C-PI	1,500,000		1,500,000 RF
		Renovate Sections of Funkhouser Building Phase 1	C-PI	6,426,000		6,426,000 RF
		Renovate Slone Building Phase 1	C-PI	5,445,000		5,445,000 RF
		Renovate Space in McVey Hall	C-PI	4,900,000		4,900,000 RF
		Renovate Whalen Building	C-PI	5,760,000		5,760,000 RF
		Renovate/Upgrade Commonwealth Stadium	C-O	180,000,000		180,000,000 OT-P
		Repair Stadium Structure	C-O	2,500,000		2,500,000 OT-P
		Repair-Upgrade-Expand Central Plants	C-O	62,000,000		62,000,000 RF
		Upgrade Audio/Visual Equipment Guignol Theatre	EQ	210,000		210,000 RF
		Upgrade the Vivarium in Sanders Brown Building	C-PI	8,742,000		8,742,000 RF
		Upgrade-Renovate-Improve or Expand Research Labs	C-PI	33,500,000		33,500,000 RF
		<b>2010-2012 Total</b>		<b>929,004,000</b>		<b>929,004,000</b>

University of Kentucky (continued)

Projects NOT involving the General Fund, Road Fund, or Agency Bonds

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
<b>2012-2014</b>						
		Acquire Land	C-O	50,000,000		RF
		Construct Golf Practice Area	C-O	3,000,000		OT-P
		Construct Hall of Fame Plaza	C-O	2,800,000		OT-P
		Construct Medical Center Physical Plant Building	C-O	16,125,000		RF
		Construct New Alumni Center	C-O	15,770,000		RF
		Construct Parking Structure #10	C-O	32,625,000		OT-LTF
		Construct Police Headquarters Building	C-O	9,085,000		RF
		Construct South Campus Dining Facility Design On	C-O	4,000,000		RF
		Expand Coldstream Research Campus	C-PI	20,000,000		RF
		Expand Lafferty Hall	C-O	9,250,000		RF
		Lease Purchase Campus Call Center System	IT	750,000		RF
		Lease Purchase Campus Infrastructure Upgrade	C-O	3,500,000		RF
		Lease Purchase Data Center Infrastructure Hardware	IT	1,000,000		RF
		Lease Purchase Data Warehouse/Infrastructure	IT	1,800,000		RF
		Lease Purchase Digital Village Building 4	C-O	26,395,000		RF
		Lease Purchase ERP Phase V	IT	6,845,000		RF
		Lease Purchase Expand Fiber Optics Infrastructure	IT	1,500,000		RF
		Lease Purchase High Performance Research Comp.	IT	6,500,000		RF
		Lease Purchase Large Scale Computing	IT	3,500,000		RF
		Lease Purchase Network Security Hardware	IT	1,500,000		RF
		Lease Purchase New Housing	C-O	52,820,000		OT-LTF
		Lease Purchase SAP Processor	IT	1,500,000		RF
		Lease Purchase Storage Addition/Replacement	IT	2,000,000		RF
		Renovate Dental Lobby & Patient Registration	C-PI	1,170,000		RF
		Renovate B & E Building	C-PI	11,470,000		RF
		Renovate College of Public Health Building	C-PI	6,410,000		RF
		Renovate Cooper House	C-PI	1,970,000		RF
		Renovate Education Space in the Seaton Center	C-PI	4,000,000		RF
		Renovate Miller Hall Space	C-PI	2,475,000		RF
		Renovate Paul Anderson Tower	C-PI	23,000,000		RF
		Renovate Reynolds Building Phase 2	C-PI	5,450,000		RF
		Renovate Slone Building Phase 2	C-PI	5,445,000		RF
		Renovate Teaching Space in Kastle Hall	C-PI	1,125,000		RF
		Repair-Upgrade-Expand Central Plants	C-O	62,000,000		RF
		Sprinkle Scovell Hall Life Safety	C-PI	945,000		RF
		Upgrade Sound System for the Singletary Center	C-PI	1,090,000		RF
		Upgrade-Renovate-Improve or Expand Research Labs	C-PI	33,500,000		RF
		<b>2012-2014 Total</b>		<b>432,315,000</b>		<b>432,315,000</b>

**University of Kentucky (continued)**

**Projects NOT involving the General Fund, Road Fund, or Agency Bonds**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
<b>2014-2016</b>						
		Acquire Land	C-O	40,000,000		RF
		Construct Parking Structure #11	C-O	53,120,000		OT-LTF
		Construct University Conference Center	C-O	28,595,000		RF
		Expand Coldstream Research Campus	C-PI	20,000,000		RF
		Lease Purchase Campus Call Center System	IT	750,000		RF
		Lease Purchase Campus Infrastructure Upgrade	C-O	3,500,000		RF
		Lease Purchase Data Center Infrastructure Hardware	IT	1,000,000		RF
		Lease Purchase Data Warehouse/Infrastructure	IT	1,800,000		RF
		Lease Purchase ERP Phase VI	IT	5,350,000		RF
		Lease Purchase Expand Fiber Optics Infrastructure	IT	1,500,000		RF
		Lease Purchase High Performance Research Comp.	IT	6,500,000		RF
		Lease Purchase Large Scale Computing	IT	3,500,000		RF
		Lease Purchase Network Security Hardware	IT	1,500,000		RF
		Lease Purchase New Housing	C-O	46,960,000		OT-LTF
		Lease Purchase SAP Processor (replacement)	IT	1,500,000		RF
		Lease Purchase Storage Addition/Replacement	IT	2,000,000		RF
		Renovate Carnahan House	C-PI	6,220,000		RF
		Renovate Law Building	C-PI	8,500,000		RF
		Renovate Reynolds Building Phase 3	C-PI	3,270,000		RF
		Repair-Upgrade-Expand Central Plants	C-O	62,000,000		RF
		Upgrade-Renovate-Improve or Expand Research Labs	C-PI	33,500,000		RF
		<b>2014-2016 Total</b>		<b>331,065,000</b>		<b>331,065,000</b>
		<b>Grand Total</b>		<b>1,692,384,000</b>		<b>1,692,384,000</b>

**University of Kentucky - Hospital**

**Projects involving Agency Bonds**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
<b>2012-2014</b>						
1		Expand Patient Care Facility Phase V	C-O	200,000,000		200,000,000 AB
		<b>2012-2014 Total</b>		<b>200,000,000</b>		200,000,000
		<b>Grand Total</b>		<b>200,000,000</b>		<b>200,000,000</b>

**Projects NOT involving the General Fund, Road Fund, or Agency Bonds**

<b>2010-2012</b>						
		Construct Physicians Services Facilities Hospital	C-O	2,000,000		2,000,000 RF
		Construct/Renovate Imaging Services KY Clinic	C-O	15,000,000		15,000,000 RF
		Construct/Renovate Lab Facilities	C-O	21,000,000		21,000,000 RF
		Expand Clinic Enter Data Center Network (Pool)	IT	1,000,000		1,000,000 RF
		Expand Patient Care Facility-Hospital Phase IV	C-O	100,000,000		100,000,000 RF
		Expand/Renovate Ambulatory Care UKHC	C-O	20,000,000		20,000,000 RF
		Implement Energy Performance Contracting	C-O	1,000		1,000 RF
		Implement Land Use Plan UKHC	C-O	20,000,000		20,000,000 RF
		Implement Medication Bar Coding System	IT	3,000,000		3,000,000 RF
		Implement Patient Communication System	IT	1,000,000		1,000,000 RF
		Implement Revenue Management System	IT	10,000,000		10,000,000 RF
		Lease Purchase/Construct Good Sam Med Office Building	C-O	23,700,000		23,700,000 RF
		Lease Purchase Hosp. Dining Facilities & Equipment	C-O	7,350,000		7,350,000 RF
		Lease Purchase/Construct Retail Space	C-O	3,660,000		3,660,000 RF
		Lease Purchase/Upgrade UKHC IT Syst. (Pool)	IT	10,000,000		10,000,000 RF
		Lease Purchase Data Center Hardware-UKHC (Pool)	IT	10,000,000		10,000,000 RF
		Lease Purchase Data Repository System	IT	2,500,000		2,500,000 RF
		Lease Purchase Mainframe Computer UKHC	IT	1,000,000		1,000,000 RF
		Lease Purchase Office Tower	C-O	66,341,000		66,341,000 RF
		Lease-Purchase PCF Data Center Hardware (Pool)	IT	10,000,000		10,000,000 RF
		Lease-Purchase Telemedicine/Virtual ICU	IT	10,000,000		10,000,000 RF
		Purchase Clinic Enterprise Data Center Hardware (Pool)	IT	10,000,000		10,000,000 RF
		Purchase Dig. Medical Record Expansion	IT	4,640,000		4,640,000 RF
		Purchase Document Scanning System	IT	700,000		700,000 RF
		Purchase Identity Management System	IT	1,750,000		1,750,000 RF
		Purchase Managed Care Enterprise	IT	1,160,000		1,160,000 RF
		Purchase PACS System (Pool)	IT	5,000,000		5,000,000 RF
		Purchase Paging Software UKHC	IT	700,000		700,000 RF
		Purchase Radiofrequency Identifying System	IT	1,500,000		1,500,000 RF
		Purchase Staff Scheduling System UKHC	IT	750,000		750,000 RF
		Purchase Telephone System Replacement (Pool)	IT	2,700,000		2,700,000 RF
		Renovate Diag. Treatment Services UKHC	C-PI	2,500,000		2,500,000 RF
		Renovate Nursing Units UKHC	C-PI	6,000,000		6,000,000 RF
		Renovate Parking Structure #3 UKHC	C-PI	3,500,000		3,500,000 RF

**University of Kentucky - Hospital (continued)**  
**Projects NOT involving the General Fund, Road Fund, or Agency Bonds**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
		Renovate/Upgrade Hospital Facility Good Samaritan	C-PI	10,000,000		10,000,000 RF
		Repair, Upgrade, Improve Bldg Systems UKHC	C-PI	20,000,000		20,000,000 RF
		Replace Perioperative Information System	IT	3,000,000		3,000,000 RF
		Replace Radiology Information System	IT	2,000,000		2,000,000 RF
		Upgrade Clinic Ent Network - Hospital (Pool)	IT	4,250,000		4,250,000 RF
		Upgrade Clinical Services UKHC	C-PI	15,000,000		15,000,000 RF
		Upgrade Critical Care Facility UKHC	C-O	5,000,000		5,000,000 RF
		Upgrade Enterprise Information Systems	IT	20,000,000		20,000,000 RF
		Upgrade Support Services UKHC	C-O	3,500,000		3,500,000 RF
		Upgrade Surgical Services UKHC	C-PI	2,000,000		2,000,000 RF
		Upgrade/Expand Cancer Treatment Facility UKHC	C-O	10,000,000		10,000,000 RF
		Upgrade/Fit-up Hospital Facilities	C-PI	10,000,000		10,000,000 RF
		<b>2010-2012 Total</b>		<b>483,202,000</b>		<b>483,202,000</b>
<b>2012-2014</b>						
		Construct Hospice Facility UKHC	C-O	4,000,000		4,000,000 RF
		Expand/Renovate Ambulatory Care UKHC	C-O	15,000,000		15,000,000 RF
		Implement Land Use Plan UKHC	C-O	5,000,000		5,000,000 RF
		Renovate Nursing Units UKHC	C-PI	4,000,000		4,000,000 RF
		Renovate/Upgrade Hospital Facility Good Samaritan	C-PI	10,000,000		10,000,000 RF
		Repair, Upgrade, Improve Building Systems UKHC	C-PI	10,000,000		10,000,000 RF
		Upgrade Clinical Services UKHC	C-PI	15,000,000		15,000,000 RF
		Upgrade Support Services UKHC	C-O	3,675,000		3,675,000 RF
		Upgrade Surgical Services UKHC	C-PI	2,000,000		2,000,000 RF
		Upgrade/Fit-up Hospital Facilities	C-PI	10,000,000		10,000,000 RF
		<b>2012-2014 Total</b>		<b>78,675,000</b>		<b>78,675,000</b>
<b>2014-2016</b>						
		Demolish Old Chandler Facility	C-PI	10,500,000		10,500,000 RF
		Expand/Construct Parking Structure UKHC	C-O	31,600,000		31,600,000 RF
		Expand/Renovate Ambulatory Care UKHC	C-O	15,000,000		15,000,000 RF
		Implement Land Use Plan UKHC	C-O	5,000,000		5,000,000 RF
		Renovate Nursing Units UKHC	C-PI	2,000,000		2,000,000 RF
		Renovate/Upgrade Hospital Facility Good Samaritan	C-PI	10,000,000		10,000,000 RF
		Repair, Upgrade, Improve Building Systems UKHC	C-PI	10,000,000		10,000,000 RF
		Upgrade Clinical Services UKHC	C-PI	20,000,000		20,000,000 RF
		Upgrade Support Services UKHC	C-O	4,000,000		4,000,000 RF
		Upgrade Surgical Services UKHC	C-PI	2,000,000		2,000,000 RF
		Upgrade/Fit-up Hospital Facilities	C-PI	10,000,000		10,000,000 RF
		<b>2014-2016 Total</b>		<b>120,100,000</b>		<b>120,100,000</b>
		<b>Grand Total</b>		<b>681,977,000</b>		<b>681,977,000</b>

University of Louisville

Projects involving the General Fund (Cash/Bonds)

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
<b>2010-2012</b>						
1		Construct Belknap Classroom/Academic Building	C-O	75,000,000	75,000,000	
2		Renovate Medical Dental Research Building	C-PI	61,554,000	61,554,000	
3		Construct Belknap Research/Academic/Conn Center	C-O	90,000,000	90,000,000	
4		Construct Instructional Building at HSC	C-O	42,420,000	42,420,000	
5		Expand & Renovate Life Sciences Building	C-PI	57,790,000	57,790,000	
6		Renovate Capital Renewal Pool (2010-2012)	C-PI	30,843,000	30,843,000	
7		Expand Chilled Water & Electrical Service Upgrade	C-PI	12,000,000	12,000,000	
8		Renovate College of Education Building	C-PI	27,226,000	27,226,000	
9		Renovate Natural Science Building	C-PI	20,445,000	20,445,000	
10		Construct Physical Plant Space in HSC Garage	C-O	2,191,000	2,191,000	
11		Construct HSC Steam/Chilled Water Plant II	C-O	33,250,000	33,250,000	
12		Construct HSC Research Facility V	C-O	173,270,000	173,270,000	
13		Purchase Land Support Service (Northeast Quad)	C-O	10,000,000	10,000,000	
14		Purchase Land Near HSC Parcel II	C-O	6,034,000	6,034,000	
15		Construct Chestnut Street Garage Speed Ramp	C-O	875,000	875,000	
16		Renovate Install Baghouse Dust Collectors	C-PI	3,000,000	3,000,000	
17		Renovate Replace Gas Boiler in Steam Plant	C-PI	2,000,000	2,000,000	
18		Research Computing Infrastructure	IT	3,500,000	3,500,000	
19		Computer Processing Equipment	IT	4,000,000	4,000,000	
20		Purchase Human Patient Simulators (4)	EQ	1,000,000	600,000	400,000 RF
21		Storage System	IT	3,000,000	3,000,000	
22		Digital Communication System	IT	3,000,000	3,000,000	
23		Networking System	IT	4,000,000	4,000,000	
24		Purchase Magnetic Resonance Imaging Equipment	EQ	3,000,000	3,000,000	
25		Purchase Robotic Cranes (2) for Automated Book	EQ	2,200,000	2,200,000	
<b>2010-2012 Total</b>				<b>671,598,000</b>	<b>671,198,000</b>	<b>400,000</b>
<b>2012-2014</b>						
		Construct Shelby Campus Research Building	C-O	61,010,000	61,010,000	
		Renovate Capital Renewal Pool (2012-2014)	C-PI	25,905,000	25,905,000	
<b>2012-2014 Total</b>				<b>86,915,000</b>	<b>86,915,000</b>	
<b>2014-2016</b>						
		Construct Belknap Research Building II	C-O	84,790,000	84,790,000	
		Construct HSC Research Facility VI	C-O	188,100,000	188,100,000	
		Renovate Capital Renewal Pool (2014-2016)	C-PI	14,156,000	14,156,000	
<b>2014-2016 Total</b>				<b>287,046,000</b>	<b>287,046,000</b>	
<b>Grand Total</b>				<b>1,045,559,000</b>	<b>1,045,159,000</b>	<b>400,000</b>

**University of Louisville (continued)**

**Projects involving Agency Bonds**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/Source(s)</u>
<b>2010-2012</b>						
1		Renovate Guaranteed Energy Savings (2010-2012)	C-O	40,000,000		40,000,000
2		Expand & Renovate Student Activities Center	C-PI	67,575,000		67,575,000
3		Construct HSC Parking Structure III	C-O	43,470,000		43,470,000
4		Construct Residence Hall 500 Bed	C-O	45,350,000		45,350,000
<b>2010-2012 Total</b>				<b>196,395,000</b>		<b>196,395,000</b>
<b>Grand Total</b>				<b>196,395,000</b>		<b>196,395,000</b>

**Projects NOT involving the General Fund, Road Fund, or Agency Bonds**

<b>2010-2012</b>						
		Construct Administrative Office Building	C-O	51,990,000		51,990,000 RF
		Construct Artificial Turf Field for Intramural	C-O	693,000		693,000 RF
		Construct Athletic Academic Support Facility	C-O	13,266,000		13,266,000 OT-P
		Construct Athletics Office Building	C-O	8,398,000		8,398,000 RF
		Construct Belknap Campus Welcome Center East	C-O	2,499,000		2,499,000 RF
		Construct Boathouse for Women's Rowing Program	C-O	5,225,000		5,225,000 RF
		Construct Center for the Performing Arts	C-O	76,660,000		76,660,000 RF
		Construct Diversity Center for Excellence	C-O	12,580,000		12,580,000 OT-P
		Construct Executive MBA/Business Program	C-O	23,500,000		23,500,000 RF
		Construct Fitness & Health Institute	C-O	16,250,000		16,250,000 RF
		Construct Flexner Way Mall-Floyd to Preston	C-O	830,000		830,000 RF
		Construct Flexner Way Mall-Hancock to Clay	C-O	1,500,000		1,500,000 RF/OT-P
		Construct Flexner Way Mall-Preston to Jackson	C-O	840,000		840,000 RF/OT-P
		Construct Intramural Field Complex	C-O	6,980,000		6,980,000 RF
		Construct Soccer Stadium	C-O	26,533,000		26,533,000 OT-P
		Construct Student Health Facility	C-O	8,590,000		8,590,000 RF
		Construct Student Recreation Center	C-O	36,020,000		36,020,000 RF
		Construct Utilities, Remove Overhead Lines	C-O	10,000,000		10,000,000 RF
		Expand Ambulatory Care Building Academic Addition	C-O	67,200,000		67,200,000 OT-P
		Expand Miller IT Center Data Center	C-O	38,000,000		38,000,000 RF
		Expand Patterson Baseball Stadium	C-O	4,573,000		4,573,000 OT-P
		Expand Rauch Planetarium	C-O	3,220,000		3,220,000 FF
		Expand Regional Biocontainment Laboratory	C-O	10,112,000		10,112,000 RF/FF
		Expand Sackett Hall	C-O	16,590,000		16,590,000 RF
		Expand & Renovate Founders Union Building Phase II	C-PI	18,414,000		18,414,000 RF
		Lease Digital Output System	IT	1,000,000		1,000,000 RF
		Purchase 18.8T Nuclear Magnetic Resonance System	EQ	2,500,000		2,500,000 RF/FF
		Purchase 9.4T Nuclear Magnetic Resonance System	EQ	300,000		300,000 RF/FF
		Purchase Additive Microdeposition Machine	EQ	400,000		400,000 FF
		Purchase Arcturus XT Laser Capture Microdissection	EQ	215,000		215,000 FF
		Purchase Artificial Turf Practice Field Facility	C-O	865,000		865,000 RF
		Purchase Artificial Turf for Field Hockey	C-O	1,000,000		1,000,000 RF
		Purchase Atomic Force Microscope	EQ	200,000		200,000 FF
		Purchase BD FACSaria II Cell Sorter	EQ	450,000		450,000 FF
		Purchase Biological Material Deposition Machine	EQ	200,000		200,000 FF

University of Louisville (continued)

Projects NOT involving the General Fund, Road Fund, or Agency Bonds

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
		Purchase BioRad XPR36 Protein Interaction Arra	EQ	254,000		254,000 RF
		Purchase Cathodoluminescence System	EQ	300,000		300,000 FF
		Purchase Computational Cluster System	IT	1,200,000		1,200,000 RF
		Purchase Computer Systems for College of Education	IT	600,000		600,000 RF
		Purchase Confocal Microscope	EQ	250,000		250,000 FF
		Purchase Electronic Research Information System	IT	2,420,000		2,420,000 RF
		Purchase Enterprise Application System	IT	3,000,000		3,000,000 RF
		Purchase Equipment Replacement Research & Institute	EQ	15,000,000		15,000,000 RF
		Purchase Fiber Infrastructure	IT	7,000,000		7,000,000 FF
		Purchase Fluorescence Imaging System	EQ	200,000		200,000 FF
		Purchase Focused Ion Beam Microscope	EQ	800,000		800,000 FF
		Purchase Gene Chip Scanner	EQ	300,000		300,000 FF
		Purchase High Resolution Tandem Mass Spectrometer	EQ	1,500,000		1,500,000 FF
		Purchase Hysitron Nanoindenter	EQ	225,000		225,000 FF
		Purchase Ion Milling System	EQ	500,000		500,000 FF
		Purchase Ion Mobility Mass Spectrometry System	EQ	410,000		410,000 FF
		Purchase Land Downtown for MBA Program	C-O	1,000,000		1,000,000 RF
		Purchase Land Near Belknap Campus-North	C-O	8,000,000		8,000,000 RF
		Purchase Land Near Belknap Campus-South	C-O	6,000,000		6,000,000 RF
		Purchase Land Near HSC Parcel I	C-PI	34,246,000		34,246,000 OT-P
		Purchase Land Near HSC Parcel III	C-O	3,000,000		3,000,000 RF
		Purchase Laser Jet Cutting System	EQ	300,000		300,000 FF
		Purchase Library Chairs & Tables	EQ	275,000		275,000 RF
		Purchase Liquid Chromatography Mass Spectrometer	EQ	200,000		200,000 FF
		Purchase Live Cell Intracellular Nanoprobe Station	EQ	400,000		400,000 FF
		Purchase Magnetic Resonance Imaging System	EQ	3,000,000		3,000,000 FF
		Purchase Magnetron Sputtering System	EQ	500,000		500,000 FF
		Purchase MALDI-TOF Mass Spectrometer	EQ	500,000		500,000 FF
		Purchase MoFlo Cell Sorter	EQ	500,000		500,000 FF
		Purchase Multi-Head Sputtering System	EQ	400,000		400,000 FF
		Purchase Multispectral Imaging Flow Cytometer	EQ	390,000		390,000 RF
		Purchase Nanomaterial Equipment	EQ	500,000		500,000 RF
		Purchase Nikon A1 Confocal Microscope	EQ	400,000		400,000 FF
		Purchase Olympus FV1000 Multiphoton Microscope	EQ	715,000		715,000 RF
		Purchase Optogenetics System	EQ	200,000		200,000 FF
		Purchase Orbitrap Ion Trap Mass Spectrometer	EQ	712,000		712,000 FF
		Purchase PCs, Printers, Scanners for Libraries	IT	635,500		635,500 RF/OT-P
		Purchase Plasma Mass Spectrometry System	EQ	900,000		900,000 FF
		Purchase Plastic Deposition Machine	EQ	800,000		800,000 FF
		Purchase Positron Emission Tomography System	EQ	2,500,000		2,500,000 FF
		Purchase Reactive Ion Etching System	EQ	300,000		300,000 FF
		Purchase Resonance Raman Spectrometer	EQ	500,000		500,000 FF
		Purchase Shared Memory Computer	IT	200,000		200,000 RF
		Purchase Small Animal MRI Scanner	EQ	2,500,000		2,500,000 FF
		Purchase Spectral Confocal Microscope	EQ	440,000		440,000 FF
		Purchase Spray Develop/Etch System	EQ	300,000		300,000 FF
		Purchase SQUID Magnetometer	EQ	500,000		500,000 RF
		Purchase Technology Enhanced Classroom	IT	500,000		500,000 RF

University of Louisville (continued)

Projects NOT involving the General Fund, Road Fund, or Agency Bonds

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
		Purchase Temperature & Humidity Control System (5)	EQ	325,000		325,000 RF
		Purchase TeraHertz Spectroscopy	EQ	500,000		500,000 FF
		Purchase Transmission Electron Microscope	EQ	300,000		300,000 FF
		Purchase Transmission Electron Microscope	EQ	1,500,000		1,500,000 FF
		Purchase Two-Photon Laser Scanning Microscope	EQ	500,000		500,000 FF
		Purchase Ultra Fast Spectroscopy Facility	EQ	500,000		500,000 FF
		Purchase Ultraview ERS 6FO Confocal Microscope	EQ	420,000		420,000 RF
		Purchase VEVO 2100 Micro-Ultrasound System	EQ	350,000		350,000 FF
		Purchase VisEn FMT-2500 Imaging System	EQ	300,000		300,000 RF
		Purchase Visualization System (Planetarium)	IT	2,000,000		2,000,000 FF
		Purchase VisualSonics High Resolution In-vivo	EQ	304,000		304,000 FF
		Renovate Belknap Campus North Entrance	C-PI	1,700,000		1,700,000 FF
		Renovate Burhans Hall	C-PI	15,537,000		15,537,000 RF
		Renovate Chemistry Fume Hood Redesign Phase II	C-PI	15,095,000		15,095,000 RF
		Renovate Code Improvement Pool	C-PI	4,179,000		4,179,000 RF
		Renovate College of Business Faculty Offices	C-PI	1,500,000		1,500,000 RF
		Renovate Ekstrom Library	C-PI	42,070,000		42,070,000 RF
		Renovate Gross Anatomy Lab	C-PI	5,304,000		5,304,000 RF
		Renovate Housing Capital Renewal Pool	C-PI	4,400,000		4,400,000 RF
		Renovate J. B. Speed Building	C-PI	11,140,000		11,140,000 RF
		Renovate Kornhauser Library	C-PI	15,890,000		15,890,000 RF
		Renovate KY Lions Eye Research Institute	C-PI	19,214,000		19,214,000 RF
		Renovate Law School	C-PI	28,925,000		28,925,000 RF
		Renovate Medical School Tower 55A	C-PI	72,460,000		72,460,000 RF
		Renovate Oppenheimer Hall	C-O	4,792,000		4,792,000 RF
		Renovate Research Imaging Facility	C-PI	7,164,000		7,164,000 FF
		Renovate Research Resource Center	C-PI	13,823,000		13,823,000 RF
		Renovate Stevenson Hall	C-PI	10,898,000		10,898,000 RF
		Renovate WS Speed Building	C-PI	10,759,000		10,759,000 RF
		Utility Distribution South Belknap Campus	C-O	11,548,000		11,548,000 RF
		<b>2010-2012 Total</b>		<b>876,262,500</b>		<b>876,262,500</b>

**University of Louisville (continued)**

**Projects NOT involving the General Fund, Road Fund, or Agency Bonds**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
<b>2012-2014</b>						
		Expand School of Public Health & Info Sciences	C-O	11,160,000		11,160,000 RF
		Purchase Land Near HSC Parcel IV	C-O	3,000,000		3,000,000 RF
		Renovate Bingham Humanities Building	C-PI	34,530,000		34,530,000 RF
		Renovate Ford Hall	C-PI	4,403,000		4,403,000 RF
		Renovate Gardiner Hall	C-PI	8,170,000		8,170,000 RF
		Renovate Gottschalk Hall	C-PI	3,748,000		3,748,000 RF
		Renovate Jouett Hall	C-PI	3,347,000		3,347,000 RF
		Renovate Medical/Dental Apartments	C-PI	16,460,000		16,460,000 RF
		Renovate Miller Hall	C-PI	19,565,000		19,565,000 RF
		Renovate Sackett Hall	C-PI	8,700,000		8,700,000 RF
		Renovate Schneider Hall	C-PI	18,310,000		18,310,000 RF
		Renovate Threlkeld Hall	C-PI	19,350,000		19,350,000 RF
		<b>2012-2014 Total</b>		<b>150,743,000</b>		<b>150,743,000</b>
		<b>Grand Total</b>		<b>3,942,790,000</b>		<b>3,942,790,000</b>

**Western Kentucky University**

**Projects involving the General Fund (Cash/Bonds)**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>	
<b>2010-2012</b>							
1		Renovate Science Campus Phase IV	C-PI	29,000,000	29,000,000		
2		Replace Underground Infrastructure Steam/Electric	C-PI	35,000,000	35,000,000		
3		Construct Lab & IT Spaces at Center Research & Development	C-O	15,000,000	4,500,000	10,500,000	FF
4		Construct New Gordon Ford College of Business	C-O	49,000,000	49,000,000		
5		Construct Owensboro Technology Center Phase II	C-O	14,055,000	14,055,000		
6		Miscellaneous Maintenance Pool 2010-2012	C-PI	10,000,000	5,800,000	\$4,200,000	RF
7		Construct Honors College Facility	C-O	14,000,000	2,000,000	12,000,000	RF/OT-P
8		Construct Central Region PS Education Center (BRAC)	C-O	39,520,000	39,520,000		
9		Design Academic Complex Renovation	C-O	3,000,000	3,000,000		
10		Design South Region PostSec Education Center (Glasgow)	C-O	1,800,000	1,800,000		
11		Convert WKYU NPR/PBS to Digital/HD	IT	2,645,000	2,645,000		
12		Upgrade IT Infrastructure	IT	2,300,000	2,300,000		
13		Construct Nex-Gen Ul-Lo Em Coal-Fired Heat Plant	C-O	20,000,000	10,000,000	10,000,000	FF
14		Repair & Renovate Craig Alumni House Interior	C-PI	1,700,000	1,700,000		
15		Design Agriculture Expo Center Renovation	C-PI	1,000,000	1,000,000		
16		Design Environmental Science & Technology Hall Renovation	C-PI	2,500,000	2,500,000		
17		Design Garrett Conference Center Renovation	C-PI	2,500,000	2,500,000		
18		Interior Renovation Jones Jagers	C-O	1,000,000	1,000,000		
19		Design Gordon Wilson Hall Renovation	C-PI	1,000,000	1,000,000		
20		Renew Underground Electrical Infrastructure Phased	C-PI	1,706,000	1,003,700	702,300	RF
<b>2010-2012 Total</b>				<b>246,726,000</b>	<b>209,323,700</b>	<b>37,402,300</b>	
<b>2012-2014</b>							
		Construct South Region Postsec Ed Center Phase II	C-O	18,000,000	18,000,000		
		Demolition of Tate Page Hall	C-PI	2,000,000	2,000,000		
		Miscellaneous Maintenance Pool 2012-2014	C-PI	10,000,000	10,000,000		
		Renovate Academic Complex	C-PI	25,000,000	25,000,000		
		Renovate Ag Expo Center	C-PI	6,000,000	6,000,000		
		Renovate Cherry Hall	C-PI	13,500,000	13,500,000		
		Renovate Environmental Science & Technology Hall	C-PI	22,600,000	22,600,000		
		Renovate Gordon Wilson Hall	C-PI	8,678,000	8,678,000		
		Renovate Grise Hall	C-PI	29,940,000	29,940,000		
		Renovate Helm/Cravens Library	C-PI	19,690,000	19,690,000		
		Renovate Industrial Education Facility	C-PI	5,224,000	5,224,000		
		Renovate Ivan Wilson Center Phase II	C-PI	31,668,000	31,668,000		
		Renovate KY Building	C-PI	14,004,000	14,004,000		
		Renovate PS1 Ground Level/Facilities Mgmt	C-PI	8,300,000	8,300,000		
		Renovate Service Supply Building	C-PI	9,937,000	9,937,000		
		Upgrade Campus Retaining Walls	C-PI	883,000	883,000		
		Upgrade Domestic Water & Distribution	C-PI	8,800,000	8,800,000		
		Upgrade Sanitary Sewer/Storm Water Lines	C-PI	16,100,000	16,100,000		
<b>2012-2014 Total</b>				<b>250,324,000</b>	<b>250,324,000</b>		

**Western Kentucky University (continued)**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
<b>2014-2016</b>						
		Miscellaneous Maintenance Pool 2014-2016	C-PI	10,000,000	10,000,000	
		Parking & Street Improvements 2014	C-PI	1,000,000	1,000,000	
		Renovate Jones Jagers Hall	C-PI	10,197,000	10,197,000	
		<b>2014-2016 Total</b>		<b>21,197,000</b>	<b>21,197,000</b>	
		<b>Grand Total</b>		<b>518,247,000</b>	<b>480,844,700</b>	<b>37,402,300</b>

**Projects involving Agency Bonds**

<b>2010-2012</b>						
1		Renovate Downing University Center Phase IV	C-PI	25,600,000		25,600,000
		<b>2010-2012 Total</b>		<b>25,600,000</b>		<b>25,600,000</b>
<b>2012-2014</b>						
		Renovate Downing University Center Phase V	C-PI	25,600,000		25,600,000
		Renovate Garrett Conference Center	C-PI	18,907,000		18,907,000
		<b>2012-2014 Total</b>		<b>44,507,000</b>		<b>44,507,000</b>
		<b>Grand Total</b>		<b>70,107,000</b>		<b>70,107,000</b>

**Projects NOT involving the General Fund, Road Fund, or Agency Bonds**

<b>2010-2012</b>						
		Acquire & Renovate Property for International Program	C-PI	3,800,000		3,800,000 RF
		Acquire L& & Construct Head Start Facility	C-O	10,000,000		10,000,000 FF
		Construct Center for Dairy Education & Innovation	C-O	5,000,000		5,000,000 FF
		Construct Scale-Up Compost Heat Greenhouse	C-PI	1,500,000		1,500,000 FF
		Construct/Fit-Out Leased Space @ Block 12 TIF Project	C-O	4,175,000		4,175,000 RF
		Construct Ag Research Services Greenhouse/Headhouse	C-O	1,745,000		1,745,000 FF
		Construct Agriculture Research Services Lab	C-O	22,825,000		22,825,000 FF
		Construct Alumni Facility	C-O	7,000,000		7,000,000 OT-P
		Construct Forensics Lab	C-O	6,335,000		6,335,000 FF
		Construct Mesonet Computer Center	C-PI	5,800,000		5,800,000 RF/FF
		Construct Parking Structure #3	C-O	10,000,000		10,000,000 RF/FF
		Construct SKyTeach Program Facility	C-O	5,000,000		5,000,000 FF/OT-P
		Construct Track Facilities	C-O	2,500,000		2,500,000 OT-P
		Construct WKU Police Department Facility	C-PI	6,235,000		6,235,000 RF
		Develop South Lawn	C-PI	2,000,000		2,000,000 RF
		Equipment Pool 2010-2012	EQ	2,500,000		2,500,000 RF
		Improve University Drive Intersection	C-O	1,200,000		1,200,000 RF/FF
		Parking & Street Improvements 2010	C-O	3,000,000		3,000,000 RF
		Purchase Property for Campus Expansion 2010	C-O	3,000,000		3,000,000 RF
		Purchase Research Equip for Ogden Campus	EQ	3,000,000		3,000,000 FF

**Western Kentucky University (continued)**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
		Purchase Shuttle Buses	EQ	2,000,000		2,000,000 FF
		Renovate & Expand Knicely Center Phase III	C-PI	2,500,000		2,500,000 RF
		Renovate Downing University Center	C-PI	3,000,000		3,000,000 RF
		Renovate Elizabethtown Research Center	C-PI	10,000,000		10,000,000 FF
		Renovate Radcliff Business Incubator	C-PI	2,000,000		2,000,000 FF
		Renovate Tate Page Hall	C-PI	10,000,000		10,000,000 RF
		Repair/Renovate Parking Structure #1 Phase I	C-PI	1,750,000		1,750,000 RF
		University-Community Bikeway	C-O	1,300,000		1,300,000 RF/FF
		<b>2010-2012 Total</b>		<b>139,165,000</b>		<b>139,165,000</b>
<b>2012-2014</b>						
		Construct Indoor Intramural Facility	C-O	4,000,000		4,000,000 RF/OT-P
		Construct Locker Room @ Softball Field	C-O	750,000		750,000 OT-P
		Construct Outdoor Intramural Field	C-O	1,500,000		1,500,000 RF/OT-P
		Construct Outdoor Sport-Indoor Practice Facility	C-O	5,040,000		5,040,000 OT-P
		Energy Saving Performance Contracting 2010-2012	C-PI	10,000,000		10,000,000 OT-LTF
		Parking & Street Improvements 2012	C-O	1,000,000		1,000,000 RF
		Purchase Property for Campus Expansion 2012	C-O	2,000,000		2,000,000 RF
		Renovate & Upgrade Tennis Courts	C-PI	700,000		700,000 OT-P
		Renovate Garrett Conference Center	C-PI	18,907,000		18,907,000 RF/AB/OT-P
		Repair/Renovate Parking Structure #1 Phase II	C-PI	1,000,000		1,000,000 RF
		<b>2012-2014 Total</b>		<b>44,897,000</b>		<b>44,897,000</b>
<b>2014-2016</b>						
		Energy Saving Performance Contracting 2012-2014	C-PI	10,000,000		10,000,000 OT-LTF
		Purchase Property for Campus Expansion 2014	C-O	2,000,000		2,000,000 RF
		<b>2014-2016 Total</b>		<b>12,000,000</b>		<b>12,000,000</b>
		<b>Grand Total</b>		<b>196,062,000</b>		<b>196,062,000</b>

**Court of Justice**

**Projects involving the General Fund (Cash/Bonds)**

<u>Cab</u>	<u>Ag</u>	<u>Project</u>	<u>Type</u>	<u>Total Budget</u>	<u>General Funds</u>	<u>Other Funds/ Source(s)</u>
<b>2010-2012</b>						
1		Telecommunications Equipment Replacement Phase I	IT	1,894,000	1,894,000	
		<b>2010-2012</b>		<b>1,894,000</b>	<b>1,894,000</b>	
<b>2012-2014</b>						
		Telecommunication Equipment Replacement Phase II	IT	2,436,000	2,436,000	
		<b>2012-2014 Total</b>		<b>2,436,000</b>	<b>2,436,000</b>	
<b>2014-2016</b>						
		Telecommunication Equipment Replacement Phase III	IT	1,852,000	1,852,000	
		<b>2014-2016 Total</b>		<b>1,852,000</b>	<b>1,852,000</b>	
		<b>Grand Total</b>		<b>6,182,000</b>	<b>6,182,000</b>	

# Appendices



## 2010-2016 Statewide Capital Improvement Plan

- A. KRS Chapter 7A
- B. Report of the Commonwealth Office of Technology
- C. Report of the Council on Postsecondary Education
- D. Report of Kentucky's Bonded Indebtedness



## Appendix A

### KRS Chapter 7A

#### Enabling Statutes for the Capital Planning Advisory Board

##### 7A.010 Definitions

As used in this chapter, unless the context otherwise requires:

- (1) “Capital project” means:
  - (a) Any undertaking which is to be financed or funded through an appropriation by the General Assembly of general fund, road fund, bond fund, trust and agency fund, or federal fund moneys, where the expenditure is a capital expenditure pursuant to statute or under standards prescribed by the Legislative Research Commission under the authority of KRS Chapter 48;
  - (b) Any undertaking which is to be financed by a capital expenditure for use by the state government or one of its departments or agencies, as defined in KRS 12.010 or enumerated in KRS 12.020, including projects related to the construction or maintenance of roads, and including projects of institutions of higher education as defined in KRS 164A.550(2);
  - (c) Any capital construction item, or any combination of capital construction items necessary to make a building or utility installation complete, estimated to cost six hundred thousand dollars (\$600,000) or more, or any item of movable equipment, estimated to cost two hundred thousand dollars (\$200,000) or more, regardless of the source of funds;
  - (d) Any lease of real property whose value is two hundred thousand dollars (\$200,000) or more;
  - (e) Any lease of an item of movable equipment if the total cost of the lease, lease-purchase, or lease with an option to purchase is two hundred thousand dollars (\$200,000) or more; or
  - (f) Any new acquisition, upgrade, or replacement of an information technology system estimated to cost six hundred thousand dollars (\$600,000) or more.
- (2) “Board” means the Capital Planning Advisory Board of the Kentucky General Assembly created by KRS 7A.110.
- (3) “Plan” means the state capital improvement plan provided for by KRS 7A.120.
- (4) “State agency” means any department, commission, council, board, bureau, committee, institution, legislative body, agency, government corporation, or other entity of the executive, judicial, or legislative branch of the state government.
- (5) “Information technology system” means any related computer or telecommunications components that provide a functional system for a specific business purpose and contain one (1) or more of the following:
  - (a) Hardware;
  - (b) Software, including application software, systems management software, utility software, or communications software;
  - (c) Professional services for requirements analysis, system integration, installation, implementation, or data conversion services; or
  - (d) Digital data products, including acquisition and quality control.

**Effective:** July 12, 2006

**History:** Amended 2006 Ky. Acts ch. 199, sec. 1, effective July 12, 2006. – Amended 2003 Ky. Acts ch. 188, sec. 2, effective June 24, 2003. – Amended 1994 Ky. Acts. ch. 31, sec. 1, effective July 15, 1994. – Created 1990 Ky. Acts. ch. 503, sec. 2, effective July 13, 1990.

#### **7A.100 Capital Planning Advisory Board of the General Assembly established.**

The Capital Planning Advisory Board of the Kentucky General Assembly is established. The members of this board shall represent all three (3) branches of government and are empowered to prepare a comprehensive state capital improvement plan and to make funding recommendations to each branch head as to state spending for capital projects.

**Effective:** July 13, 1990

**History:** Created 1990 Ky. Acts ch. 503, sec. 1, effective July 13, 1990.

#### **7A.110 Membership of board -- Meetings -- Vote required to act.**

- (1) The Capital Planning Advisory Board of the Kentucky General Assembly shall consist of sixteen (16) members. The manner of appointment and terms of the members of the board shall be as follows:
  - (a) Four (4) members shall be appointed by the Governor to represent the executive branch of state government. These members shall serve for a term of four (4) years and until their successors are appointed.
  - (b) Four (4) members shall be appointed by the Chief Justice of the Supreme Court to represent the judicial branch of state government. These members shall serve for a term of four (4) years and until their successors are appointed.
  - (c) Four (4) members shall represent the legislative branch of state government and shall be appointed and serve as follows:
    1. The Speaker of the House of Representatives shall appoint two (2) members, each of whom shall serve while a member of the House for the term for which he has been elected, and one (1) of whom shall be designated co-chair; and
    2. The President of the Senate shall appoint two (2) members, each of whom shall serve while a member of the Senate for the term for which he has been elected, and one (1) of whom shall be designated co-chair.
  - (d) Four (4) public members shall be appointed from the Commonwealth at large, one (1) by the Governor, one (1) by the Chief Justice, one (1) by the President of the Senate, and one (1) by the Speaker of the House of Representatives. The public members shall serve for a term of four (4) years and until their successors are appointed.
- (2) Any vacancy on the board shall be filled in the same manner as the original appointment.
- (3) The co-chairs shall have joint responsibilities for board meeting agendas and presiding at board meetings.
- (4) On an alternating basis, each co-chair shall have the first option to set the monthly meeting date. A monthly meeting may be canceled by agreement of both co-chairs. The board shall meet at least twice during each calendar year.
- (5) Members of the board shall be entitled to reimbursement for expenses incurred in the performance of their duties.
- (6) A majority of the entire membership of the Capital Planning Advisory Board shall constitute a quorum, and all actions of the board shall be by vote of a majority of its entire membership.

**Effective:** March 31, 2003

**History:** Amended 2003 Ky. Acts ch. 185, sec. 8, effective March 31, 2003. -- Amended 1994 Ky. Acts ch. 486, sec. 13, effective July 15, 1994. -- Created 1990 Ky. Acts ch. 503, sec. 3, effective July 13, 1990.

#### **7A.120 State capital improvement plan.**

- (1) Every two (2) years, the board shall prepare a state capital improvement plan containing its proposals for state spending for capital projects.
- (2) Copies of the plan shall be submitted to the Governor, the Chief Justice, and the Legislative Research Commission no later than November 1 of each odd-numbered year. The plan shall provide:
  - (a) A detailed list of all capital projects of the state, including transportation projects as submitted by the Kentucky Transportation Cabinet and approved by the Joint Transportation Committee, which the board recommends be undertaken or continued by any state agency during the six (6) fiscal year period commencing with the upcoming biennial budget, together with information as to the effect of these capital projects on future operating expenses of the Commonwealth, and with recommendations as to the priority of these capital projects and the means of funding them;
  - (b) The forecast of the board as to the requirements for capital projects of state agencies during the six (6) fiscal year period and for those additional periods, if any, necessary or desirable for adequate presentation of particular capital projects, and a schedule for the planning and implementation or construction for these additional periods;
  - (c) A schedule for the next biennial budget of recommended appropriations of bond funds from issues of bonds previously authorized;
  - (d) A review of capital projects which have recently been implemented or completed or are in process of implementation or completion;
  - (e) Recommendations as to the maintenance of physical properties and equipment of state agencies; and
  - (f) Any other information that the board deems relevant to the foregoing matters.
- (3) Each state agency, excluding the Department of Highways, shall no later than April 15 of each odd-numbered year provide the board with information described in subsection (2) of this section in the form that shall be prescribed by the board.
- (4) In addition to information available to the board under the computerized record keeping of the Finance and Administration Cabinet, each state agency shall, when requested, provide the board with supplemental information concerning any real property owned or leased by the agency, including its current or future availability for other state uses.

**Effective:** July 13, 1990

**History:** Created 1990 Ky. Acts ch. 503, sec. 4, effective July 13, 1990.

#### **7A.130 Public hearings.**

The board may conduct public hearings in furtherance of its general purposes at places designated by it, at which hearings it may request the appearance of officials of any state agency and solicit the testimony of interested groups and the general public.

**Effective:** July 13, 1990

**History:** Created 1990 Ky. Acts ch. 503, sec. 5, effective July 13, 1990.

**7A.140 Administrative regulations.**

The board may adopt any administrative regulations necessary to carry out its planning and advisory functions as provided by this chapter.

**Effective:** July 13, 1990

**History:** Created 1990 Ky. Acts ch. 503, sec. 6, effective July 13, 1990.

**7A.150 Legislative Research Commission's responsibility for staffing and operating costs of board.**

The Legislative Research Commission shall have exclusive jurisdiction over the employment of personnel necessary to carry out the provisions of KRS Chapter 7A. Staff and operating costs of the Capital Planning Advisory Board shall be provided from the budget of the Legislative Research Commission.

**Effective:** July 14, 1992

**History:** Amended 1992 Ky. Acts ch. 41, sec. 1, effective July 14, 1992. --  
Created 1990 Ky. Acts ch. 503, sec. 7, effective July 13, 1990.

**7A.160 Use of existing studies, surveys, plans, and data.**

The board may make use of existing studies, surveys, plans, data, and other materials in the possession of any state agency. Upon request by the board, an agency shall make these materials available to the board so that the board may have current information on the capital plans and programs of the agency.

**Effective:** July 13, 1990

**History:** Created 1990 Ky. Acts ch. 503, sec. 8, effective July 13, 1990.

**7A.170 Advisory committees.**

The officers and personnel of any state agency and any other person may serve at the request of the board upon any advisory committees that the board may create. State officers and personnel may serve upon these advisory committees without forfeiture of office or employment and with no loss or diminution in the compensation, status, rights, and privileges which they otherwise enjoy.

**Effective:** July 13, 1990

**History:** Created 1990 Ky. Acts ch. 503, sec. 9, effective July 13, 1990.

## **Appendix B**

### **Report of the Commonwealth Office of Technology**





**FINANCE AND ADMINISTRATION CABINET  
COMMONWEALTH OFFICE OF TECHNOLOGY**

**Steven L. Beshear**  
Governor

**Jonathan Miller**  
Secretary  
Finance and Administration Cabinet

101 Cold Harbor Drive  
Frankfort, Kentucky 40601  
Phone: 502-564-1201  
Fax: 502-564-5769  
<http://tech.ky.gov/>

**Phil Baughn**  
Chief Information Officer

**Jim Barnhart**  
Deputy Commissioner

**Robin Morley**  
Deputy Commissioner

Senator Jack Westwood  
Representative Melvin Henley  
Capital Planning Advisory Board

Dear Senator Westwood and Representative Henley,

I am pleased to submit to the Capital Planning Advisory Board the results of our review of the information technology projects for the next biennium. The members of my staff and agency representatives performed the review. We focused specifically on information technology projects from the 2010-2012 biennium utilizing a methodology that promotes an objective view to determine those systems with the highest value to the Commonwealth. The result of this review is contained within three reports:

- Appendix A: 2010-2012 All Funds Capital Information Technology Projects with High Value Designation Noted
- Appendix B: 2010-2012 General Fund High Value Information Technology Projects
- Appendix C: 2010-2012 Commissioner of Technology: Additional Priorities

Each capital project submission provides value and it is challenging to find a method to prioritize needs, however, I feel the projects identified with the acronym of "HV" in the enclosed reports best support the strategic direction of the Commonwealth and provide the greatest returns on our investments.

Kentucky continues to make progress with our use of information technology and I look forward to working with this body so that together we can continue to move Kentucky forward.

Sincerely,

A handwritten signature in black ink, appearing to read "Phil Baughn".

Phil Baughn  
Commissioner/CIO



## **2010-2012 Capital Improvement Plans August 2009**

### Executive Summary

Information technology is vital to efficient government as budget pressures and demands on state resources continue to challenge us to do even more with less. Likewise, technology plays a key role in the world's increasingly digital economy. Kentucky continues to be recognized across the country for its advances in technology. The Commonwealth's ranking in the Digital States Survey and Brown University's e-Government Survey remain in the top ten (10) in the nation.

In these economic times, we need to continue to look for ways to modernize and transform state government through innovative solutions. Information technology is, and will continue to be, a critical component of the Commonwealth's roadmap for the future. The future of public service must incorporate technology in order to give citizens choice, with personalized services designed around their needs – not the needs of the government. More than 170 services are now available to our citizens through the Kentucky.gov portal alone. Individual agencies also continue to move toward providing services through the World Wide Web as a cost effective way to reach the people of the Commonwealth.

The way our citizens interact with government is changing with advances in technology and we must adapt to the wishes of those we serve. It is obvious that we can only deliver the modern services that Kentucky citizens and businesses need by using technology to integrate government services across agencies. This requires collaboration and cooperation, since we are stronger and more effective when we work together.

It is in this spirit that the Commonwealth Office of Technology (COT) worked in conjunction with a select team of state agency representatives, including the Office of the State Budget Director (OSBD), in all aspects of the Capital IT projects review and scoring process. This review and scoring methodology also continues to support key strategic initiatives of the Commonwealth including public safety, electronic health, quality education, transportation infrastructure and efficient government services

113 capital IT projects totaling more than \$775 million were submitted by state agencies for consideration in the 2010-2016 planning cycle. This portfolio shows a modest decrease from the \$800 million requested for the 2008-2014 planning cycle. Agencies understand the difficult economic times facing the Commonwealth but also understand the benefits that technology can bring to their interaction with the average citizen. These budget requests reflect demands from citizens, businesses, and employees for faster, more efficient and more available government services. Additionally, this is also a reflection on the urgent need to replace aging, isolated and obsolescent legacy systems and infrastructure found throughout state government.

The Commissioner of COT, who stands as the Commonwealth's Chief Information Officer (CIO) and the state agency representatives have produced three reports for the Capital Planning Advisory Board (CPAB) to consider in its formulation of a statewide capital improvement plan.

The first two reports are the direct result of COT's established review methodology and evaluation process. These enclosed reports are titled:

- Appendix A: 2010-2012 All Funds Capital Information Technology Projects with High Value Designation Noted
- Appendix B: 2010-2012 General Fund High Value Information Technology Projects

A third report highlights other general and restricted fund projects that specifically enable the Commonwealth to achieve its strategic goals and may not have received an 'HV' designation. This enclosed report is titled:

- Appendix C: 2010-2012 Commissioner of Technology: Additional Priorities

## 2010-2016 Capital Improvement Plans

### Overview and Assessment of Information Technology Capital Items for the Capital Planning Advisory Board

Commonwealth Office of Technology  
August 2009

#### Introduction

The Commissioner of Technology submits this report to the Capital Planning Advisory Board (CPAB) as requested and required by 1 KAR 6:020. At the request of CPAB, the Commissioner and CIO is assigned the primary responsibility for information technology (IT) capital item review, assessment, prioritization and enterprise ranking. CPAB has requested that the CIO report capital IT items or systems to identify high priority needs, particularly those proposed to be financed from General Funds (cash or bonds). Additionally, CPAB requested that the CIO present the criteria upon which the information technology items or systems are determined to have high value and priority. Finally, CPAB encouraged the CIO to include in this report recommendations or information on any other items affecting information technology in state government, believed to be helpful to CPAB in developing its statewide plan.

CPAB will find in the presentation of this report that the CIO and COT staff have undertaken a defined, disciplined and objective approach to the evaluation of capital IT items and systems submitted by executive branch state agencies. COT has conducted a thorough review and analysis resulting in recommendations outlined in this report to CPAB.

For the 2010-2012 capital planning cycle, 95 IT capital items/systems were contained with capital improvement plans submitted by state agencies. Additionally, COT has coordinated with staff of The Council on Postsecondary Education for their continued review of university plans, including IT capital items and systems. In addition, neither the CIO nor COT has oversight authority for information technology initiatives in the legislative and judicial branches as stipulated in KRS 11.509.

#### Summary of Capital IT Items and Systems Submitted to the CPAB

The planned budget amounts of state agency capital items submitted for the 2010-2016 cycle totals approximately \$780 million. For the review and assessment needs of the Board, the primary focus of this report is on items and systems submitted by executive branch state agencies in the 2010-2012 biennium only. For FB 2010-2012, 95 capital IT items/systems were submitted totaling \$729,998,000.

The following table summarizes the numbers of projects and funding requirements.

<b>2010 - 2016 Six-Year Plan</b>			
<b>Planning Biennium</b>	<b>Number of Projects</b>	<b>Planned Amount All Funds</b>	<b>Planned Amount State Funds</b>
2010-2012	95	729,998,000.00	520,176,000.00
2012-2014	10	27,980,000.00	27,980,000.00
2014-2016	8	21,980,000.00	21,980,000.00
<b>Totals</b>	<b>113</b>	<b>779,958,000.00</b>	<b>569,636,000.00</b>

### Evaluation of Capital IT Items and Systems

To execute its responsibility to provide a meaningful and justifiable review of capital IT items and systems to CPAB, and to objectively quantify the value and potential risk of the items and systems, COT continues to apply a disciplined, objective review and analysis process incorporating clearly defined criteria and scoring attributes. A formal evaluation tool also continues to be used by COT to facilitate the analysis and ranking of information technology projects.

Any technology endeavor must improve the manner in which the Commonwealth conducts business and ultimately must lead to the provision of better service to its citizens. Moreover, the business value of an IT project should be delivered to the Commonwealth while introducing minimal or no additional amount of risk or duplicative efforts to either the project or the organization.

Each proposed capital IT item and system was evaluated against two sets of independent criteria: Business Value and Risk Factors. The two criteria (Business Value and Risk Factors) were comprised of seven components, each of which were numerically weighted with assigned ranking being explicitly defined. Each item and system was evaluated against the following criteria:

#### Business Value:

- Alignment with the Commonwealth's Key Programs and Initiatives
- External Requirement
- Efficiency
- Funding Source
- Service Improvement
- Business Impact Level
- Positive Impact to Other Projects

Risk Factors:

Architectural Compliance  
Project Cost  
Executive Sponsorship  
Maintenance and Support Costs  
Solution Definition  
Implementation Timeline  
Level of Complexity

A composite business value index and risk factor index was derived for each capital IT item and system, with those projects exemplifying high business value and low risk factors being ranked as achieving the designation of 'High Value'.

The two enclosed reports, detailing the review, analysis and ranking are entitled:

- *Appendix A: 2010-2012 All Funds Capital Information Technology Projects with High Value Designation Noted*
- *Appendix B: 2010-2012 General Fund High Value Information Technology Projects*

For a more detailed overview of the methodology and ranking process please see the document enclosed within this report entitled: *Appendix D: Information Technology Capital Project Review Process*

CIO: Additional Priorities

The CIO has defined a priority list of additional general fund, as well as restricted fund, capital IT projects based upon the strategic goals of the Commonwealth and interactive discussion with state agencies. These goals address priority areas throughout state government that may not have received 'HV' designation but are believed to have potential for maximizing agency business value with properly applied risk management.

The CIO proposes the following list of top priority projects and designates them as critical because of their direct contribution to meeting the strategic goals of the Commonwealth.

- *Appendix C: 2010-2012 Commissioner of Technology: Additional Priorities*

Information Technology Observations and Recommendations

*Redefinition of Information Technology Systems*

The current definition of an IT capital system specifies the need for hardware, software, professional services, and digital data products; all considered critical to the successful implementation of an IT enabled business system. However, this definition fails to take into consideration the infrastructure necessary for the system to function properly. As technology continues to expand as an underlying need for providing services to our citizens, the

infrastructure necessary to support that need must also expand and continually be updated to support new and faster technologies.

As an example of this, the Cabinet for Health and Family Services recently completed a video conferencing project that will allow staff to participate in meetings virtually, thereby severely reducing agency travel costs in the future. This technology shows great promise as a means to significantly reduce costs across the entire executive branch of government but these capabilities would not be possible without the additional infrastructure that was necessary to support the ability for continual video feed without delays or breaks in transmission.

The CIO and agency review committee respectfully request that the definition of an IT capital system be updated to include infrastructure as a core component, or a new category of IT capital project be created to address this growing need during future capital planning periods.

Additionally, we respectfully request that future enterprise-wide infrastructure projects be considered 'high value' and be automatically considered for inclusion on the Commissioner's Additional Priorities report and full funding supported.

**Appendix A: All Funds Capital Information Technology Projects  
with High Value Designation**

Cabinet	Agency	Capital Item/System Title	Budget	Fund Source	High Value	
2010-2012						
1	CHFS	Secretary's Office/ All Other	MHDDAS Facility Information System Phase I	10,200,000	GF	H V
2	CHFS	Secretary's Office/ All Other	Network Infrastructure Upgrade Phase II	6,750,000	GF	
3	CHFS	Secretary's Office/ All Other	Child Support System (KASES)	85,076,000	GF/FF	
4	CHFS	Secretary's Office/ All Other	Support for Health & Welfare (KAAAP)	220,908,000	GF/FF	
5	CHFS	Secretary's Office/ All Other	Kentucky Automated Vital Statistics Info. Sys.	18,500,000	GF	
6	CHFS	Secretary's Office/ All Other	Guardianship System Modernization	900,000	GF	
7	CHFS	Secretary's Office/ All Other	MHDDAS Facility Information System Phase II	10,200,000	GF	
8	CHFS	Secretary's Office/ All Other	Environmental Health Mgt. Info. Sys. (EHMIS)	1,064,000	GF	
9	CHFS	Secretary's Office/ All Other.	Local Health Department Data Mgt. Sys Phase I	2,100,000	GF	
10	Education	Council on Postsecondary Ed.	Purch P-20 Learning Object Repository (KYDepot)	4,000,000	GF	H V
11	Education	Council on Postsecondary Ed.	Purchase Longitudinal PsEd Data Warehouse PI	2,000,000	GF	
12	Education	Council on Postsecondary Ed.	Purchase P-20 Seamless Data Warehouse Ph I	3,000,000	GF	
13	Education	Council on Postsecondary Ed.	Create Infrastructure Integrate Internet2 Ph I	3,250,000	GF	
14	Education	Council on Postsecondary Ed.	Statewide Transfer Technology System	2,000,000	GF	H V
15	Education	Council on Postsecondary Ed.	KYVL Upgrade/Replace Integrated Library System	7,500,000	GF	
16	Education	Council on Postsecondary Ed.	KYVL Research Databases Expansion Phase I	3,500,000	GF	
17	Education	Council on Postsecondary Ed.	Purchase Portable Training Lab Hardware/Softwar	300,000	GF	
18	Education	Council on Postsecondary Ed.	Expand GoHigher Portal	700,000	GF	
19	Education	Council on Postsecondary Ed.	Purchase Multi-Media Streaming Systems Ph I	1,000,000	GF	H V
20	Education	Council on Postsecondary Ed.	KYVC/KYVL Create Statewide Licenses Pool Ph I	4,000,000	GF	

21	Education	Council on Postsecondary Ed.	Upgrade CPE Technology Infrastructure Ph I	500,000	GF
22	Education	Council on Postsecondary Ed.	Purchase Mobile Learning Infrastructure Phase I	1,000,000	GF
23	Education	Council on Postsecondary Ed.	Purchase Interactive Television System	1,000,000	GF
24	Education	Council on Postsecondary Ed.	Course Redesign Initiative – Phase I	1,000,000	GF
25	Education	Council on Postsecondary Ed.	KYVL Kentuckiana Digital Library Expansion Ph I	1,250,000	GF
26	Education	Council on Postsecondary Ed.	Purchase eLearning Dev Delivery/Mgmt Sys Ph I	2,800,000	GF
27	Education	Council on Postsecondary Ed.	Purchase Statewide Lifelong Learning Portal Ph I	500,000	GF
28	Education	Council on Postsecondary Ed.	KYVL Create Interlibrary Loan System	1,250,000	GF
29	Education	Council on Postsecondary Ed.	KYVL Create Scholarly Comm Repository Ph I	750,000	GF
30	Education	Council on Postsecondary Ed.	KYVL Create/Upgrade Interactive Library Tools	300,000	GF
31	Education	Council on Postsecondary Ed.	KYVL Federated Search Portal Consortium Ph 2	1,400,000	GF
32	Education	Council on Postsecondary Ed.	Purchase Asset Management System Ph 1	500,000	GF
33	Education	Department of Education	KY Learning Framework- KDE	10,000,000	GF
34	Education	Department of Education	Disaster Recovery Services - KDE	3,000,000	GF
35	Education	Department of Education	Statewide Longitudinal Data System - KDE	4,900,000	GF/FF
36	Education	Department of Education	SEEK Application, Phase 1 - KDE	800,000	GF

	<b>Cabinet</b>	<b>Agency</b>	<b>Capital Item/System Title</b>	<b>Budget</b>	<b>Fund Source</b>	<b>High Value</b>
			2010-2012			
37	Education	Department of Education	KEN, Phase 2 - KDE	9,200,000	GF	
38	Education	Department of Education	Unified Accounting Sys Hdware Replacement - KDE	4,000,000	GF	
39	Education	Department of Education	School Facilities Management System - KDE	600,000	GF	
40	Education	Department of Education	Enterprise Data Storage & Virtualization - KDE	1,500,000	GF	
41	Education	Department of Education	21 <sup>st</sup> Century Classrooms, Ph 1 - KDE	82,800,000	GF	
42	Education	Department of Education	Bus Inventory/License/Incident Report System - KDE	800,000	GF	
43	Education	Dept for Libraries & Archives	Refresh/Upgrade Information Technology Infrastru	1,103,000	GF	
44	Education	Dept for Workforce Investment	Mainframe to Oracle Migration	2,500,000	GF	
45	Education	Education Professional Stds Board	Technology Infrastructure Upgrades	800,000	GF	
46	Education	Education Professional Stds Board	Online Certification & Integration	1,700,000	GF	
47	Education	Education Professional Stds Board	Educator Prep System	1,500,000	GF	
48	Education	KY Community & Tech Colleges.	KCTCS Information Tech Infrastructure Upgrade	12,000,000	GF	
49	Education	KY Educational Television	IT/Business Network Infrastructure Upgrade	800,000	GF	
50	Education	KY Educational Television	Digital Conversion Ph 3	4,085,000	GF	
51	Education	KY Educational Television	KET Digital Infrastructure Maintenance Pool	1,000,000	GF	
52	Education	Secretary's Office/ All Other	KEN Expansion 10-12	6,000,000	GF	
53	Education	Secretary's Office/ All Other	Tele Learning 10-12	4,000,000	GF	
54	Education	KY Teacher's Retirement System	KTRS Pension Management System II	18,000,000	RF	
55	Education	KY Teachers' Retirement System	KTRS Pension Management System	1,200,000	RF	
56	Energy & Environment	Secretary's Office/ All Other	Mine Safety, Licensing & Mapping Application	965,000	GF	HV
57	Finance	Commonwealth Office of Tech	Enterprise GIS Software and Imaging Upgrade	3,284,000	RF+FF	HV

58	Finance	Commonwealth Office of Tech	Public Safety Comm. Infrastructure – KEWS Maint	600,000	RF	HV
59	Finance	Commonwealth Office of Tech	Enterprise Data Center Upgrade	2,000,000	RF	HV
60	Finance	Commonwealth Office of Tech	Enterprise Cyber Security and Identity Management	4,500,000	RF	
61	Finance	Commonwealth Office of Tech	Enterprise Infrastructure Upgrade	9,400,000	RF	
62	Finance	Commonwealth Office of Tech	Enterprise Application Infrastructure	800,000	RF	HV
63	Finance	Department of Revenue	CTS Implementation, Support and Maintenance	4,500,000	GF	
64	Finance	Department of Revenue	Modernized Front End – Software Rewrite	2,700,000	GF	HV
65	Finance	Department of Revenue	Cigarette Excise Tax Filing and Reporting System	1,200,000	GF	HV
66	Finance	Department of Revenue	Tax Roll Assessment and Certification System	1,150,000	GF	
67	Finance	KY Higher Ed Student Loan Corp	Upgrade Information Technology Systems	1,342,000	RF	
68	Finance	KY Lottery Corporation	Integration with New Online System	1,000,000	Private	
69	Finance	KY Lottery Corporation	Potential Buyout of Online Gaming System	20,000,000	Private	
70	Finance	KY Lottery Corporation	Data Processing, Telecomm and Related Equipment	6,000,000	Private	
71	General Government	Dept. of Veterans Affairs	Total Vet Net	600,000	GF	
72	General Government	KY Office of Homeland Security	Kentucky Statewide E- Warrants	1,500,000	GF	
73	General Government	Military Affairs	Install Interoperable Communications System	976,000	GF	HV
74	General Government	Military Affairs	Upgrade DMA Statewide Radio System	1,500,000	GF	

Cabinet	Agency	Capital Item/System Title	Budget	Fund Source	High Value
2010-2012					
75	Justice	Department of Corrections	Replace Electronic Offender Mgt. Sys. Ph II	4,000,000	GF
76	Justice	Department of Corrections	Create IT Capital Replacement Cycle, Ph I	2,317,000	GF
77	Justice	Dept of Criminal Justice Training	Information Technology Project	620,000	RF HV
78	Justice	Department of Juvenile Justice	Network Upgrade	852,000	GF
79	Justice	Department of State Police	Information Systems infrastructure Upgrade	7,200,000	GF
80	Justice	Department of State Police	Replace/Upgrade Mobile Data Computers	2,000,000	GF
81	Justice	Department of State Police	KYOPS Enhancement	2,000,000	GF
82	Justice	Department of State Police	Replacement of AFIS Livescan Equipment	3,200,000	GF
83	Justice	Department of State Police	Kentucky Interoperability Plan	2,000,000	GF
84	Justice	Department of State Police	Computerized Criminal History Project	600,000	GF HV
85	Public Protection	Secretary's Office/ All Other	KHRC Integrated Database & Information System	1,531,000	GF HV
86	Tourism, Arts, Heritage	KY Horse Park	Broadband Network Infrastructure	1,500,000	GF
87	Transportation	Transportation	Purchase TRNS*PORT Upgrade	3,000,000	RF HV
88	Transportation	Transportation	Transportation Enterprise Data Warehouse	1,500,000	RF HV
89	Transportation	Transportation	Purchase PONTIS Upgrade	600,000	RF HV
90	Transportation	Transportation	Videologging Roadway Feature System	600,000	RF HV
91	Transportation	Transportation	Purchase GPS Virtual Reference System	625,000	RF HV
92	Transportation	Transportation	Purchase GPS Surveying Equipment	350,000	RF
93	Transportation	Transportation	Replace International Registration Plan System	5,000,000	RF
94	Transportation	Transportation	Replace Motor Carrier System	25,000,000	RF
95	Transportation	Transportation	Replace KY Driver Licensing System (KDLIS)	30,000,000	RF
			<b>Total</b>	<b>729,998,000</b>	

**Appendix B: General Fund High Value Information Technology Projects**

Cabinet	Agency	Capital Item/System Title	Fund High			
			Budget	Source	Value	
2010-2012						
1	CHFS	Secretary's Office/ All Other	MHDDAS Facility Information System Phase I	10,200,000	GF	HV
2	Education	Council on Postsecondary Ed.	Purch P-20 Learning Object Repository (KYDepot)	4,000,000	GF	HV
3	Education	Council on Postsecondary Ed.	Statewide Transfer Technology System	2,000,000	GF	HV
4	Education	Council on Postsecondary Ed.	Purchase Multi-Media Streaming Systems Ph I	1,000,000	GF	HV
5	Energy & Environment	Secretary's Office/ All Other	Mine Safety, Licensing & Mapping Application	965,000	GF	HV
6	Finance	Department of Revenue	Modernized Front End – Software Rewrite	2,700,000	GF	HV
7	Finance	Department of Revenue	Cigarette Excise Tax Filing and Reporting System	1,200,000	GF	HV
8	General Government	Military Affairs	Install Interoperable Communications System	976,000	GF	HV
9	Justice	Department of State Police	Computerized Criminal History Project	600,000	GF	HV
10	Public Protection	Secretary's Office/ All Others	KHRC Integrated Database & Information System	1,531,000	GF	HV
			<b>Total</b>	<b>25,172,000</b>		

**Appendix C: Commissioner of Technology: Additional Priorities**

	<b>Cabinet</b>	<b>Agency</b>	<b>Capital Item/System Title</b>	<b>Budget</b>	<b>Fund Source</b>	<b>High Value</b>
2010-2012						
1	Education	Department of Education	Statewide Longitudinal Data System - KDE	4,900,000	GF/FF	
2	Education	Department of Education	SEEK Application, Phase 1-KDE	800,000	GF	
3	Finance	Commonwealth Office of Tech	Enterprise Infrastructure Upgrade	9,400,000	RF	
4	Finance	Commonwealth Office of Tech	Enterprise Cyber Security and Identity Management	4,500,000	RF	HV
5	Finance	Commonwealth Office of Tech	Public Safety Comm. Infrastructure-KEWS Maint	600,000	RF	HV
6	Finance	KY Higher Ed Student Loan Corp	Upgrade Information Technology Systems	1,342,000	RF	
7	General Government	Dept. of Veterans Affairs	Total Vet Net	600,000	GF	
8	General Government	KY Office of Homeland Security	Kentucky Statewide E-Warrants	1,500,000	GF	
9	Justice	Dept of Criminal Justice Training	Information Technology Project	620,000	RF	HV
10	Justice	Department of State Police	Replace/Upgrade Mobile Data Computers	2,000,000	GF	
11	Transportation	Transportation	Purchase TRNS*PORT Upgrade	3,000,000	RF	HV
			<b>Total</b>	<b>29,262,000</b>		

## **Appendix D: *Information Technology Capital Project Review Process***

### Review and Prioritization Process

In February 2009, COT presented the timeline, review methodology and criteria for the 2010-2012 Capital IT Project Planning Process to the Commonwealth Technology Council (CTC). The decision was made to modify the previous biennium scoring criteria to reflect the current financial situation within the Commonwealth. This change would amplify the significance of improved efficiency, external funding sources and projects with a lower total cost to complete.

COT solicited members from the CTC to join COT management on what was termed the Agency Review Committee (ARC). On May 28, 2009, ARC held its first meeting and was comprised of three members of COT executive management and five agency volunteers representing the Cabinet for Health and Family Services, Transportation, Education, Justice and the Office of the State Budget Director.

Over the course of the first week of June, ARC members reviewed each information technology item and system within the 2010-2012 portfolios according to the defined criteria and methodology.

Over the three-day period from July 7 to July 9, 2009, each Cabinet and agency was allotted time to present an overview of their capital IT items and systems, and to specifically outline how each item or system addressed the individual components of the evaluation criteria. This forum also allowed for interaction, discussion, and questions between the ARC and those agencies submitting projects.

On July 10, 2009, the ARC convened to review project notes and how to score individual projects against the defined criteria. ARC members were allowed one week to submit their scores to the Commonwealth Office of Technology for compilation.

Finally, on July 31, 2009, the ARC reconvened to provide group consensus on the final project scoring and 'high value' designations based upon information assembled from the individual member submissions.

### Capital Project Review Criteria

Each proposed information technology capital project was evaluated against two sets of criteria: Business Value and Risk Factors. Project ranking were assessed against each component on a scale of 0 to 3, with each assigned ranking being explicitly defined. An objective score was derived based upon an evaluation of the project as submitted to the Capital Planning Advisory Board, and upon a presentation and interactive discussion conducted with each agency's information technology officer or designee.

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## **Business Value**

### **Alignment with the Commonwealth's Key Programs and Initiatives**

Does the proposed project directly support or enhance the Commonwealth's priority programs or initiatives or help fulfill the agency's mission or strategic plan? Does the proposed project impact public health, safety or economic development?

### **External Requirement**

What are the circumstances outside the control of the Executive Branch that are influencing the need for the project? Is the influence indirect (i.e. a change in one system that necessitates a change in another), or direct (i.e. the result of legislative, federal or judicial requirements)?

### **Efficiency**

Does the project outline demonstrable and quantifiable savings, revenue generation, or cost avoidance dollars? Are the efficiencies to be gained SMART (specific, measurable, achievable, realistic and relevant, time-limited)?

### **Funding Source**

What is the percentage of funding from non-state sources? Is an expiration date associated to the availability of the funds?

### **Service Improvement**

Does the proposed project automate existing processes, or are processes being redefined prior to automation? Does the proposed project provide new online services to citizens or business?

### **Business Impact Level**

At what level does the proposed project have positive impact (Enterprise, Cabinet, or Agency)? Will the project solution be used by another agency or can it be replicated to other agencies?

### **Positive Impact to Other Projects**

Does the proposed project support or directly enable the success of another project(s)?

## **Risk Factors**

---

### **Architectural Compliance**

Does the proposed project solution comply with Commonwealth's technology standards?

### **Project Cost**

What is the cost to implement the project?

### **Executive Sponsorship**

How important is the technology project considered among the entire cabinet's capital project priorities?

### **Maintenance and Support Costs**

What percentage of implementation costs is required for the ongoing support of the project? Will the cabinet have funds available for this ongoing support?

### **Solution Definition**

What is the level of effort to customize, develop, invent, or create the proposed solution?

### **Implementation Timeline**

How quickly will the project be implemented, and how quickly will the Commonwealth see a return on investment?

### **Level of Complexity**

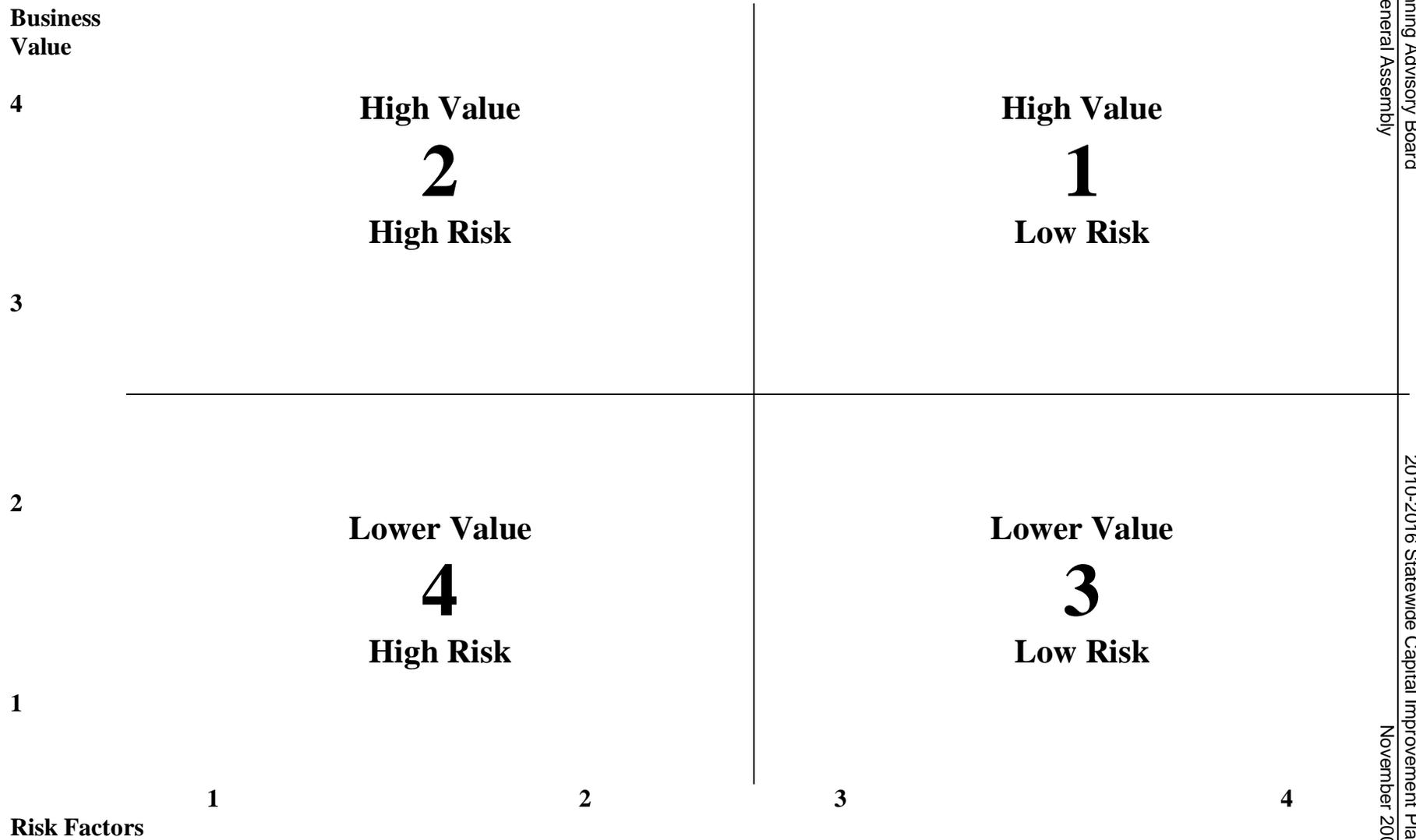
What is the level of effort and technical complexity required to make the project successful?

Business Value	Wt	Rating				Comments	Weighted Score
		0	1	2	3		
Alignment with Commonwealth's key programs	5	Does not relate	Indirectly supports	Directly supports	Is a critical project		15
External Requirement	4	None identified	Legislative Requirement	Federal Requirement	Required by Litigation or potential fine/penalty		12
Efficiency includes cost savings, revenue generation, or cost avoidance	4	None identified	Negligible or minimal opportunity	Significant opportunity expected; not quantified	Quantified, significant opportunity		12
Funding Source	4	No non-state funding	Less than 25% non-state funding or no expiration date	>25% and <75% <b>with</b> an expiration date	75% or greater non-state funding <b>with</b> an expiration date		12
Service Improvement	3	Some manual process still required	Automates existing processes	Re-engineers, then automates processes	Provides new services online to citizens or business		9
Business Impact Level	3	Agency Level	Cabinet Level	Cabinet Level; Is used by or can transfer to other cabinets	Enterprise Project; Project is a resource for all agencies		9
Positive Impact to other Projects	2	Project does not impact other projects	May support the success of other projects	Supports the success of other projects	Directly enables the successful completion of other projects		6
<b>Scoring Weight</b>	25					<b>Subtotal</b>	<b>75</b>

<b>Risk Factors</b>	<b>weight</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>Comments</b>	<b>Score</b>
Compliance with Commonwealth Architecture and Standards	5	Non-compliant	Proposes use of non-proven or immature technologies	Proposes emerging technology on the standards "horizon"	Fully compliant		15
Project Cost	5	>10M	5M to 10M	1M to 5M	< 1M		15
Executive Sponsorship	4	Bottom organization priority	Lower organization priority	Upper organization priority	Top organization priority		12
Maintenance and Support Costs	3	> 20% or agency does not have budget	< 20% and agency has budget to support	< 15% and agency has budget to support	< 10% and agency has budget to support		9
Solution Definition	3	Solution must be written, developed, invented or significantly customized	Solution must be moderately customized	Solution is available on the market with minor customization expected	Solution is available as a COTS, turnkey service or replicated from previous success		9
Implementation Timeline	3	> 2 years	> 1year	< 1 year	< 6 months		9
Level of Complexity	2	Difficult	High	Medium	Low		6
<b>Scoring Weight</b>	<b>25</b>					<b>Subtotal</b>	<b>75</b>

### Project Value Ranking

Project value ranking will be determined by relating the Business Value with the Manageability of the proposed project. The total score in each category is divided by the total weighting (25) to derive axis placement.





## **Appendix C**

### **Report of the Council on Postsecondary Education**





**Kentucky Council on  
Postsecondary Education**

**Steven L. Beshear**  
Governor

1024 Capital Center Drive, Suite 320  
Frankfort, Kentucky 40601  
Phone: 502-573-1555  
Fax: 502-573-1535  
<http://www.cpe.ky.gov>

**Robert L. King**  
President

September 8, 2009

The Honorable Melvin B. Henley  
The Honorable Jack Westwood  
Co-Chairs  
Capital Planning Advisory Board  
Capitol Annex, Room 34  
Frankfort, Kentucky 40601

Dear Representative Henley and Senator Westwood:

The Capital Planning Advisory Board requested that the Council on Postsecondary Education provide input for the CPAB to use in the development of its 2010-16 Statewide Capital Improvements Plan. Furthermore, the board requested that the Council review and identify projects (particularly those proposed to be financed with General Funds) that represent the highest priority needs of the system and the criteria on which those determinations are based. Also, to be included in the report, are recommendations or other information that may affect postsecondary education institutions that may be helpful to the board in developing the statewide plan. The Council's 2010-16 planning priorities are included as Attachment 1.

In 2005, the Council reported to the board that the Council and the institutions had developed a model to assist in identifying capital projects planning priorities. That model has been used in each biennium since 2005 to guide development of system planning priorities for the Statewide Capital Improvements Plan and the postsecondary biennial capital projects recommendation. As noted in previous communications with the board, the projects identified as high priorities for planning purposes are subject to change as the Council continues to develop its recommendations for the 2010-12 biennial budget request, which will be acted on by the Council at its meeting November 6, 2009.

**Planning Priorities/Evaluation Process**

The model divides General Fund projects into five categories: 1) capital renewal, maintenance and infrastructure pool in which projects are unranked, 2) space adequacy/renovation, 3) new construction/expansion of education and general space, 4) research and economic development projects, and 5) information technology initiatives. Projects in categories 2-4 are ranked using five criteria, which are included as Attachment 2. Projects in category 5 were ranked and are submitted separately.

ATTACHMENT 1

Council on Postsecondary Education  
Capital Project Planning Priorities  
General Fund 2010-12

Priority	Institution/Project Name	General Funds	Other Funds	Total
<b>Project Category 1: Capital Renewal, Maintenance, and Infrastructure</b>				
1	Capital Renewal, Maintenance & Infrastructure (45% FCI reduction)	\$ 500,000,000	\$ -	\$ 500,000,000
	<i>Subtotal - project category 1</i>	\$ 500,000,000	\$ -	\$ 500,000,000
<b>Project Category 2: Major Renovations</b>				
1	KSU - Expand & Renovate Betty White Nursing Building	7,825,000		7,825,000
2	WKU - Renovate Science Campus, Phase IV	29,000,000		29,000,000
3	UofL - Renovate Medical Dental Research Building	61,554,000		61,554,000
4	MoSU - Renovate & Expand Student Center, Phase II	52,921,000		52,921,000
5	MoSU - Renovate Combs Classroom Building	26,355,000		26,355,000
6	UofL - Renovate Life Sciences Building	57,790,000		57,790,000
7	KSU - Replace Boiler and Pollution Controls	4,222,000		4,222,000
8	WKU - Renovate Underground Electrical Infrastructure	35,000,000		35,000,000
9	EKU - Renovate Lancaster Center Building	1,234,000		1,234,000
10	UofL - Renovate College of Education Building	27,226,000		27,226,000
11	NKU - Renew/Renovate University Center Phase II	38,000,000		38,000,000
12	MoSU - Renovate Blackburn Science Building (old)	28,903,000		28,903,000
13	KSU - Replace Aging Steam/Chilled Water Pipes, Phase I	3,299,000		3,299,000
14	EKU - Renovate Student Health Center	2,072,000		2,072,000
15	NKU - Renovate Old Civic Center Building	3,700,000		3,700,000
16	NKU - Acquire/Renovate Gateway/Highland Heights Campus	9,000,000		9,000,000
	<i>Subtotal - project category 2</i>	\$ 388,101,000	\$ -	\$ 388,101,000
<b>Project Category 3: New/Expanded E&amp;G, Space Adequacy and Support Facilities</b>				
1	NKU - Construct Health Innovation/Renovate Old Science	92,500,000		92,500,000
2	KCTCS/WKU - Construct Owensboro Advanced Technology Center, Ph II (1)	14,055,000		14,055,000
3	EKU - Construct Science Building, Phase 2	65,040,000		65,040,000
4	MoSU - Construct/Complete New Science Complex, Final Phase	30,000,000		30,000,000
5	KCTCS - Construct JCTC Carrollton Campus, Phase I	12,000,000		12,000,000
6	UofL - Construct Belknap Classroom/Academic Building	75,000,000		75,000,000
7	MoSU - Construct Space Science Center Clean Room	4,394,000		4,394,000
8	UK - Construct Gatton Building Complex	117,460,000	25,000,000	142,460,000
9	NKU - Construct New College of Business Building	80,000,000		80,000,000
10	WKU - Construct New Gordon Ford College of Business	49,000,000		49,000,000
11	WKU - Construct Owensboro Technology Center, Phase III	14,055,000		14,055,000
12	MoSU - Construct Vet - Tech Clinical Service Center	22,881,000		22,881,000
13	MoSU - Construct New Breathitt Veterinary Center	27,500,000		27,500,000
14	KCTCS - Construct Maysville - Licking Valley Center, Phase II (additional)	1,000,000	4,959,000	5,959,000
15	KCTCS - Construct Energy & Technology Center, Madisonville	4,000,000		4,000,000
16	UofL - Construct Instructional Building HSC (Renovate Komhauer Library)	39,394,000		39,394,000
17	EKU - Construct College of Education Complex	59,089,000		59,089,000
18	MoSU - Construct Science Resource & Sustainability Center	7,000,000		7,000,000
19	KCTCS - Construct Advanced Mfg. Facility (additional) Bluegrass	22,000,000		22,000,000
20	KSU - Construct Business & Technology Center	27,535,000		27,535,000
21	MoSU - Construct New University Library	48,000,000		48,000,000
22	MoSU - Construct Honors College Facility	1,802,000		1,802,000
23	WKU - Construct Honors College Facility	2,000,000	12,000,000	14,000,000
24	MoSU - Construct Paducah Regional Campus Facility	17,646,000		17,646,000
25	KCTCS - Construct Urban Campus, Gateway	25,328,000		25,328,000
26	CPE - Construct High Density Storage Facility	28,225,000		28,225,000
27	EKU - Construct Danville Postsecondary Ed. Center	14,000,000		14,000,000
28	NKU - Construct Chiller Plant	15,000,000		15,000,000
29	KSU - Build Centralized Boiler Plant, South Campus	24,414,000		24,414,000
30	KSU - Construct Pedestrian Bridge across US 60	2,151,000		2,151,000
31	MoSU - Acquire Land Related to Master Plan	4,000,000		4,000,000
	<i>Subtotal - project category 3</i>	\$ 946,469,000	\$ 41,959,000	\$ 988,428,000
<b>Project Category 4: Research &amp; Economic Development Projects</b>				
1	UK - Construct Science Research Building 2	205,880,000		205,880,000
2	WKU - Construct Lab & IT Spaces Center Research & Development	4,500,000	10,500,000	15,000,000
3	EKU - Construct EKU/UK Dairy Research Project (Meadowbrook)	10,160,000		10,160,000
4	UofL - Construct Belknap Research/Academic/CONN Center	90,000,000		90,000,000
	<i>Subtotal - project category 4</i>	\$ 310,540,000	\$ 10,500,000	\$ 321,040,000
<b>Project Category 5: Information Technology Initiatives</b>				
1	Information Technology Initiatives	60,000,000		60,000,000
	<i>Subtotal - project category 5</i>	\$ 60,000,000	\$ -	\$ 60,000,000
	<b>System Total - General Fund Projects</b>	\$ 2,205,110,000	\$ 52,459,000	\$ 2,257,569,000

**Statewide Capital Projects Planning Priorities  
Project Evaluation Score Sheet**

**Adoped: July 2005**

The evaluation criteria assesses the nature/intent of a project as described by the institution. They form the core factors that the system looks at to evaluate the relative position of each project as compared to the postsecondary system Public Agenda and CPE approved institution missions. All subcriteria have equal weighting, except where specifically noted.

1. *The project directly supports HB 1 goals, the Public Agenda, and the statewide economic development goals.*
  - a. Extent to which the project provides space for student instruction, enrollment growth, or direct support of the CPE approved program of national distinction.
  - b. Extent to which the project address space or infrastructure that directly supports statewide economic development goals.
  - c. Extent to which the project address research in one of five new economy clusters, WFD, the RCTF or REUTF goals of HB1.
  - d. Extent to which the project address space for applied research programs outside the new economy areas that address the economic and community needs of the institutions service area, or workforce development.
  
2. *The project supports the institution's mission and is a high institutional priority.*
  - a. The project addresses a specific area identified by the Council approved mission parameters.
  - b. Extent to which the project addresses an existing program, program expansion, enrollment growth, institution service region, or a specific need of the region as identified by the Public Agenda.
  - c. Institutional project priority (Priority: #1 = 15 points; #2 = 12 points; #3 = 9 points; #4 = 6 points; and #5 = 3 points.)
  - d. Extent to which project address public engagement, research, or economic development initiatives.
  
3. *Projects providing for the completion of facilities authorized during a previous biennium and which, if not funded, will compromise the viability of the phased facility. (Based in evidence of intent by G. A, Governor, or CPE.)*
  - a. The Governor, G.A., CPE, or institution stated an intent to phase a project and Phase I has been authorized and funded (planning, programming, schematic design, or site acquisition).
  - b. The project has not been authorized in a previous biennia but has been properly developed, programmed, has a schematic design or is properly scoped.

<u>Points Allocation</u>	
	<b>25.00</b>
6.25	
6.25	
6.25	
6.25	
	<b>25.00</b>
7.00	
2.00	
15.00	
1.00	
	<b>20.00</b>
10.00	
10.00	

4. *The postsecondary system Space Utilization Standards and Space Needs Model indicates a need for additional space or there is an explicit need to retool/remodel/replace existing space.*

- a. Extent to which the project is retooling the facility for a different use, remodeling, renovating, or replacing space.
- b. Extent to which the space needs model indicates a need for additional space for the use identified by the project request.
- c. The project is on the national historic register or has other official historic status.
- d. Extent to which construction of new space will free up space for a new use.

5. *The project significantly reduces the capital renewal and maintenance burden and the institution has demonstrated good stewardship through evidence of facility renewal and facilities systems exceeding the manufacturer's suggested system life expectancies.*

- a. Extent to which the building systems history show an average useful life of 90% or greater.
- b. Extent to which the project is upgrading systems that have offsetting economies or efficiencies.
- c. Extent to which the project is required for regulatory compliance, i.e., ADA, energy, fire, life safety, pollution/air quality, or earthquake, federal, state or local regulation, or citation by state or federal government regulatory agency.
- d. Extent to which the project address structural or impending failure, flaws that have occurred as a result of improper design, construction, or materials failure.

Total Score

	<b>20.00</b>
6.00	
10.00	
1.00	
3.00	
	<b>10.00</b>
4.00	
2.00	
2.00	
2.00	



**Kentucky Council on  
Postsecondary Education**

**Steven L. Beshear**  
Governor

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Frankfort, Kentucky 40601  
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**Robert L. King**  
President

September 9, 2009

The Honorable Melvin Henley  
The Honorable Jack Westwood  
Co-Chairs  
Capital Planning Advisory Board  
Capitol Annex, Room 36  
Frankfort, KY 40601

Subject: 2010-2016 Capital Improvements Plan  
Campus Technology

Dear Representative Henley and Senator Westwood:

The eight universities and the Kentucky Community and Technical College System (KCTCS) submitted technology-related projects for the *2010-2016 Capital Improvements Plan*. The Commonwealth Office of Technology and the Council on Postsecondary Education agreed that the Council would review the institutional projects and evaluate them according to established criteria.

The Council employed a model similar to that used by the COI in their evaluation of state agency projects—a business value/risk assessment that results in the designation of high value projects. The COI criteria were modified to recognize the 1997 postsecondary education reform effort. Thus, the Council's strategic agenda was substituted for the COI category of alignment with key programs and initiatives. The Council has special responsibility to ensure that the institutions collaborate in the development and deployment of technology.

Based on the application of the revised criteria (attached) thirteen of twenty-nine 2010-2012 IT projects requesting general revenue funds were designated as high value. A copy of the summary evaluation form also is attached.



## **Appendix D**

### **Report of Kentucky's Bonded Indebtedness**



**SENATE MEMBERS**

David L. Williams  
President, LRC Co-Chair  
Katie Kratz Stine  
President Pro Tem  
Dan Kelly  
Majority Floor Leader  
Ed Worley  
Minority Floor Leader  
Dan Seum  
Majority Caucus Chair  
Johnny Ray Turner  
Minority Caucus Chair  
Carroll Gibson  
Majority Whip  
Jerry P. Rhoads  
Minority Whip

**LEGISLATIVE RESEARCH COMMISSION**

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Speaker, LRC Co-Chair  
Larry Clark  
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Jeffrey Hoover  
Minority Floor Leader  
Robert R. Damron  
Majority Caucus Chair  
Bob DeWeese  
Minority Caucus Chair  
John Will Stacy  
Majority Whip  
David Floyd  
Minority Whip

**MEMORANDUM**

**To:** Capital Planning Advisory Board  
**From:** Kristi Culpepper, Capital Projects and Bond Oversight  
**Subject:** Kentucky's Bonded Indebtedness  
**Date:** September 18, 2009

---

State governments commonly issue debt to finance various types of public projects. Issuing debt allows the state to undertake and reap the benefits of projects earlier than if the state had built up enough cash to fund the projects outright. Relying on debt to fund these projects does, however, increase the projects' costs as the state must pay interest in addition to the direct costs of the project. The additional interest cost is determined by market conditions and the perceived risk that the state would not be either willing or able to make debt service payments according to the bonds' terms. Generally, investors demand higher interest rates when there appears to be a greater risk that the borrower might default. A lower perceived risk of default, on the other hand, results in lower rates and lower costs for financing various projects.

This memorandum analyzes the historic, current, and projected debt position of the Commonwealth of Kentucky. It addresses three factors that influence the cost of issuing new debt: the state's financial situation, debt structure, and economic stability. It discusses the potential impact of various financial practices on the state's credit profile. Finally, this memorandum includes an update on market events and the evaluation of Kentucky's debt by the three primary rating agencies: Moody's Investors Service, Standard and Poor's (S&P), and Fitch Ratings.

Currently, the state's fiscal flexibility has been limited by the weakening economy, persistent budget gaps, and depletion of reserve funds. It is unlikely that state policymakers can authorize any new debt, to be issued at either the template rate used in budget planning or at current market rates, and still have the state remain below the 6 percent ratio of debt service to revenues that policymakers have customarily used in gauging the state's appropriation-supported debt burden.

## Financial Practices Affecting Borrowing Costs

Positive financial practices can have a significant impact on the cost of issuing additional debt. These practices include: (1) enacting a structurally-balanced budget that, in addition to providing a framework for near-term expenditures, incorporates planning for how the state will address long-term commitments; (2) accumulating and maintaining reserves; and (3) issuing a manageable level of debt. These practices communicate a state's willingness to meet its obligations and improve the state's ability to maintain sufficient funds to do so.

### Enacting a Structurally-Balanced Budget

Enacting a structurally-balanced budget communicates financial discipline and is one of the main criteria market participants use in evaluating an issuer's creditworthiness. Moody's describes a structurally-balanced budget as "one for which the forecast over the next three to five years shows that recurring revenues under reasonable state economic growth assumptions can support baseline expenditure obligations given expected demographic trends and current priorities."<sup>1</sup>

As Moody's definition of structural balance indicates, market participants do not evaluate budgets based solely on whether the total resources available for spending match the expected expenditures in a given fiscal period. Market participants are concerned instead with the sustainability of the fiscal policies underlying current spending.

It is critical to distinguish between one-time and recurring revenues in deciding the amount of new indebtedness to assume. Recurring revenue growth stems from positive economic trends and tax policies that take advantage of those trends. Isolated injections of funds from fund transfers and federal aid to states, for example, may interfere with the interpretation of revenue trends. These one-time revenue sources will not be available in the future to address recurring expenditures such as operating costs or debt-funded projects and therefore do not contribute to a structurally-balanced budget. In fact, the use of these resources may create a structural budget gap.

**Current Fiscal Environment.** Revenue declines due to a weak national economy have resulted in historically large budget gaps in most states. According to the June 2009 *Fiscal Survey of the States*, which is produced semi-annually by the National Governors Association and the National Association of State Budget Officers, "states currently estimate that they will have faced \$230 billion in reported budget gaps between fiscal 2009 and fiscal 2011. Of this \$230 billion, states have already closed \$46.2 billion in budget gaps during fiscal 2009."<sup>2</sup>

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<sup>1</sup> Moody's Investors Service, *State Rating Methodology* (November 2004).

<sup>2</sup> National Governors Association and National Association of State Budget Officers, *The Fiscal Survey of the States* (June 2009).

Moody's assigned a negative outlook to the entire state sector in February 2008 and affirmed that outlook in February 2009.<sup>3</sup> According to a recent report from the rating agency:

*Several states are reporting budget gaps for fiscal year 2010 equal to 20 percent to 25 percent of operating revenues. As a result, most states have cut expenditures. Hiring freezes and furloughs have been implemented and, in some states layoffs have been announced. In order to address revenue shortfalls, one state halted all road construction projects and another has stopped payment on road and school infrastructure loans. Higher education funding has been reduced and a couple of states have also announced state aid cuts to local governments .... Some states including Arizona, Connecticut, Massachusetts, Minnesota, Nebraska, Nevada, Pennsylvania, and Virginia expect to use some or all of their rainy day funds.<sup>4</sup>*

**Kentucky's Structural Imbalance.** Kentucky's structural budget imbalance, however, predates the current economic downturn. When the budget for the 2008-2010 fiscal biennium (FB) was enacted in April 2008, it addressed a budget gap estimated at around \$900 million. This gap was filled primarily through the use of non-recurring revenue sources, including \$433 million of fund transfers, \$191 million of reserve funds, and \$100 million of budget relief generated by restructuring the state's General Fund-supported debt.<sup>5</sup> These restructurings, which will be discussed in more detail later in this memorandum, temporarily reduce the state's existing debt service obligations by extending the serial maturities on bonds due within the biennium, effectively shifting the debt service payments into later years.

With the exception of the debt restructuring, previous budgets also utilized some of the same one-time revenue sources available, which perpetuated the structural imbalance and reduced the state's fiscal flexibility when General Fund revenues declined 2.7 percent year-over-year in fiscal year (FY) 2009. To address this decline, the General Assembly increased taxes on tobacco and alcohol products during the 2009 Regular Session and a series of budget reduction orders were issued.<sup>6</sup>

The General Assembly adopted additional budget measures during the 2009 Extraordinary Session to address an approximately \$1 billion budget gap for FY 2010. This gap was closed primarily through the use of one-time revenue sources, including over \$700 million in federal stimulus funding made available through the 2009 American Recovery and Reinvestment Act and another General Fund debt restructuring, which yielded approximately \$114 million in budget relief. The state has reached the limit of the amount of budget relief that can be accomplished through restructuring General Fund-

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<sup>3</sup> Moody's Investors Service, *Compilation of U.S. Public Finance Rating Roadmaps* (May 2009).

<sup>4</sup> Ibid.

<sup>5</sup> Moody's Investors Service, *Moody's Assigns Aa3 Rating to \$388 Million Kentucky State Property and Buildings Commission Revenue and Revenue Refunding Bonds* (June 22, 2009).

<sup>6</sup> Information related to budget measures is taken from the State Budget Director's August 27, 2009, presentation to the Interim Joint Committee on Appropriations and Revenue.

supported debt for FY 2010 because most of the General Fund-supported debt coming due in FY 2010 has already been pushed out into later years. (There may be a restructuring of Road Fund-supported debt within the current fiscal year, however.)

As discussed later in this memorandum, the state's revenue outlook is expected to continue to deteriorate. The rating agencies have observed that Kentucky policymakers have been willing to make revenue and expenditure adjustments as necessary to address revenue shortfalls, which is viewed positively from a credit perspective. However, both Moody's and Fitch perceive Kentucky's pattern of enacting budgets that, while technically balanced, rely on non-recurring revenues as a negative factor that could prompt a downgrade in the state's ratings.<sup>7</sup>

### **Accumulating and Maintaining Reserves**

Most states have established reserve funds that can be accessed in unanticipated fiscal situations such as higher-than-expected expenditures or lower-than-expected revenues. These funds provide added protection to help ensure that a state is able to meet its obligations. Rating agencies generally regard the creation of these funds and the maintenance of their funding levels as a signal to investors that the state is willing to meet its obligations.

Although previous budgets had made appropriations to a Budget Reserve Trust Fund (BRTF), the BRTF was formally established in statute in 1995 by KRS 48.705. KRS 48.705 provides for the financing of the fund through direct appropriation, surplus revenue receipts in the General Fund, and certain unexpended appropriations. The statute also sets a goal of maintaining a BRTF balance equal to 5 percent of the actual General Fund receipts collected during a given fiscal year. According to the rating agencies, a reserve fund with a balance of 3 to 5 percent of revenues represents a "best effort" to prepare a state for fiscal uncertainties. The Capital Planning Advisory Board has historically recommended that the BRTF be funded in accordance with statutory requirements.

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<sup>7</sup> See Moody's Investors Service, *Moody's Assigns Aa3 Rating to \$388 Million Kentucky State Property and Buildings Commission Revenue and Revenue Refunding Bonds* (June 22, 2009) and Fitch Ratings, *Tax Supported New Issue: Commonwealth of Kentucky State Property and Buildings Commission* (June 22, 2009).

**Table 1: Budget Reserve Trust Fund  
 Fiscal Year-End Balances, 1995 to Present**

<b>Fiscal Year</b>	<b>Balance (\$)</b>	<b>As a Percent of General Fund Revenues</b>
<b>1995</b>	100,000,000	2.0
<b>1996</b>	200,000,000	3.8
<b>1997</b>	200,000,000	3.6
<b>1998</b>	200,000,000	3.4
<b>1999</b>	230,533,000	3.8
<b>2000</b>	239,283,400	3.8
<b>2001</b>	239,831,863	3.6
<b>2002</b>	0	0
<b>2003</b>	5,087,400	0.1
<b>2004</b>	50,764,829	0.7
<b>2005</b>	28,764,844	0.4
<b>2006</b>	119,015,100	1.4
<b>2007</b>	231,489,736	2.7
<b>2008</b>	214,775,436	2.6
<b>2009</b>	7,125,158	0
<b>2010 (Projected)</b>	0	0

Sources: Staff calculations based on correspondence from the Office of State Budget Director; Commonwealth of Kentucky, *Comprehensive Annual Financial Reports*, 1995-2009.

**Table 1** shows actual fiscal year-end BRTF balances dating back to the fund’s creation in 1995. During the late 1990s, the General Assembly consistently committed revenues to the BRTF, and this practice contributed to credit rating upgrades during that period. At the onset of FB 2000-2002, the BRTF had reached a balance of \$278.6 million, equal to 4.1 percent of revenues at the time. The BRTF was used in its entirety to offset budget reductions during that biennium. Appropriations in FB 2002-2004 raised the balance to \$54.8 million, but the funds were utilized again in the 2004-2006 biennium, leaving the BRTF with a FY 2005 fund balance of \$28.8 million.

Three deposits were made from General Fund surpluses to increase the balance of the BRTF in fiscal years 2006, 2007, and 2009. During FY 2006, \$90.3 million was contributed to the fund, increasing the balance from \$28.8 million to \$119 million. During FY 2007, \$112.5 million was added to the fund, bringing the balance to \$231.5 million. In FY 2009, \$11.4 million was deposited into the BRTF.

The BRTF is expected to be completely depleted at the end of FY 2010 as a result of draws on the fund of \$16.7 million in FY 2008, \$219.0 million in FY 2009, and \$7.1 million in FY 2010.

It is worth noting that, because of revenue volatility and uncertainty in the capital markets, the rating agencies now assign a higher priority to a state's liquidity position as they evaluate the state's overall creditworthiness. Liquidity refers to whether the state has sufficient funds on hand to meet its payment obligations as they are due. According to Moody's, "states that already operate with thin reserves or are dependent on market access for cash could experience not only budgetary deficits but cash deficits as well. States which experience strained cash positions are more exposed to downward rating pressure than states which maintain healthy liquidity positions."<sup>8</sup>

All three rating agencies cited Kentucky's depletion of the BRTF as a negative factor when the state issued General Fund-supported debt in June 2009.<sup>9</sup> The rating agencies have also indicated that Kentucky's failure to replenish its reserves may lead to a downgrade in the state's credit ratings, which would increase the state's future borrowing costs.

## Trends in Debt Issuance

### Outstanding Appropriation-Supported Debt

**Table 2** shows the state's appropriation-supported debt outstanding at the end of each biennium since FY 1998 and projects what the debt balance will be through FY 2012. (A brief overview of the types of debt issued at the state level in Kentucky and the various debt-issuing authorities may be found in **Appendix A** of this memorandum.)

The projected debt balances: (1) assume that all of the appropriation-supported debt that has been authorized by the General Assembly in the current and previous budget bills and in other appropriations bills will be issued by the end of the present fiscal biennium; and (2) account for the restructuring of General Fund-supported debt for budget relief. At the end of FY 2009, there was approximately \$923 million of General Fund-supported debt, \$524 million of Agency Fund-supported debt, and \$501 million of Road Fund-supported debt that had been authorized by the General Assembly but not yet issued.<sup>10</sup>

The projected debt balances do not include Grant Anticipation Revenue Vehicle (GARVEE) debt authorized or issued to fund interstate improvements, for which debt service is paid from Federal Highway Administration Fund.

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<sup>8</sup> Moody's Investors Service, *Compilation of U.S. Public Finance Rating Roadmaps* (May 2009).

<sup>9</sup> See Moody's Investors Service, *Moody's Assigns Aa3 Rating to \$388 Million Kentucky State Property and Buildings Commission Revenue and Revenue Refunding Bonds* (June 22, 2009); Standard and Poor's, *Kentucky State Property and Buildings Commission Outlook Revised to Stable from Positive, A+ Rating Confirmed* (June 23, 2009); and Fitch Ratings, *Tax Supported New Issue: Commonwealth of Kentucky State Property and Buildings Commission* (June 22, 2009).

<sup>10</sup> This figure includes \$100 million of School Facilities Construction Commission bonds and excludes the Bluegrass Turns Green bonds authorized by 2008 HB 2, which are unlikely to be issued unless reauthorized.

**Table 2: Appropriation-Supported Debt, FY 2008 to FY 2012 (\$000's)**

	Actual Debt Balance 6/30/1998	Actual Debt Balance 6/30/2000	Actual Debt Balance 6/30/2002	Actual Debt Balance 6/30/2004	Actual Debt Balance 6/30/2006	Actual Debt Balance 6/30/2008	Projected Debt Balance 6/30/2010	Projected Debt Balance 6/30/2012
<b>Authorities</b>								
State Property and Buildings Commission and Asset/Liability Commission	1,053,321	1,374,246	2,251,738	2,430,418	2,677,478	4,084,955	4,420,260	4,763,475
Turnpike Authority	1,110,835	922,163	890,974	672,693	941,576	734,026	911,970	1,319,300
School Facility Construction Commission	518,308	610,940	602,608	675,087	730,978	835,360	753,254	742,437
Kentucky Infrastructure Authority	109,095	107,245	161,355	154,205	132,285	108,355	80,840	59,470
<b>Subtotal</b>	<b>2,791,559</b>	<b>3,014,594</b>	<b>3,906,675</b>	<b>3,932,403</b>	<b>4,482,317</b>	<b>5,762,696</b>	<b>6,166,324</b>	<b>6,884,682</b>
<b>Universities (General Fund Supported Debt)</b>								
EKU	49,705	40,610	32,745	31,290	10,390	5,360	1,515	
KCTCS	95,770	82,505	67,695					
KSU	14,990	12,720	10,185	2,605	4,315	2,690	935	
MoSU	15,495	12,770	10,785	21,065	7,665	5,530	3,660	1,650
MuSU	17,005	12,420	9,755	11,222	3,535	1,395	720	
NKU	46,535	44,710	34,140	15,690	17,695	10,840	5,800	955
UK	123,470	100,575	46,205	205,575	18,020	9,140	2,625	
UL	127,665	112,915	96,675	42,865	62,155	43,860	28,930	13,450
WKU	31,410	25,990	20,705	21,880	10,220	5,005	1,045	
<b>Subtotal</b>	<b>522,045</b>	<b>445,215</b>	<b>328,890</b>	<b>352,192</b>	<b>133,995</b>	<b>83,820</b>	<b>45,230</b>	<b>16,055</b>
<b>Total Authorities and General Fund Debt</b>	<b>3,313,604</b>	<b>3,459,809</b>	<b>4,235,565</b>	<b>4,284,595</b>	<b>4,616,312</b>	<b>5,846,516</b>	<b>6,211,554</b>	<b>6,900,737</b>
<b>Agency Fund Supported Debt</b>								
EKU	8,975	9,660	14,665	17,425	26,760	26,615	60,720	54,982
KSU	5,265	4,4475	3,595	6,665	1,875	5,535	17,015	15,833
MoSU	13,900	16,930	19,615	9,995	17,820	18,320	52,275	47,046
MuSU	5,007	10,222	10,177	6,905	25,705	38,950	58,670	54,155
NKU	4,450	4,115	6,900	26,215	14,210	80,750	155,285	146,631
UK	44,621	37,566	120,516	31,875	202,310	136,765	268,710	241,606
UL	15,438	14,190	12,895	83,855	41,900	77,455	168,120	153,017
WKU	22,078			16,000	20,160	69,275	113,975	104,002
SPBC/ALCo (KRA)							19,590	18,829
Kentucky Infrastructure Authority							234,690	225,570
<b>Total Agency Fund Debt</b>	<b>119,734</b>	<b>97,158</b>	<b>188,363</b>	<b>198,935</b>	<b>350,740</b>	<b>453,665</b>	<b>1,149,050</b>	<b>1,061,671</b>
<b>Total Appropriation Supported Debt</b>	<b>3,433,338</b>	<b>3,556,967</b>	<b>4,423,928</b>	<b>4,483,530</b>	<b>4,967,052</b>	<b>6,300,181</b>	<b>7,360,604</b>	<b>7,962,408</b>

Sources and Notes: All balances for FY 1998 to 2008 are from the Commonwealth of Kentucky Supplement to the Comprehensive Annual Report. Figures for FY 2010 to 2012 have been provided by the Office of Financial Management. Includes authorized but unissued debt.

### Authorized Appropriation-Supported Debt

**Table 3** shows the new debt authorized by the General Assembly in budget and other appropriations bills for each biennium since 1980, including the current biennium. Through the 1980s, the amount of debt authorized by the legislature steadily decreased, and then more than tripled at the onset of the 1990s, exceeding \$1 billion. Newly authorized debt remained at nearly half that level for the next three biennia, until the late 1990s. In 1998, the amount of new debt authorized once again exceeded \$1 billion. For each of the past three biennia, the General Assembly has authorized the issuance of close to or above \$2 billion in new debt.

**Table 3: New Appropriation-Supported Debt Authorized 1980-2010**

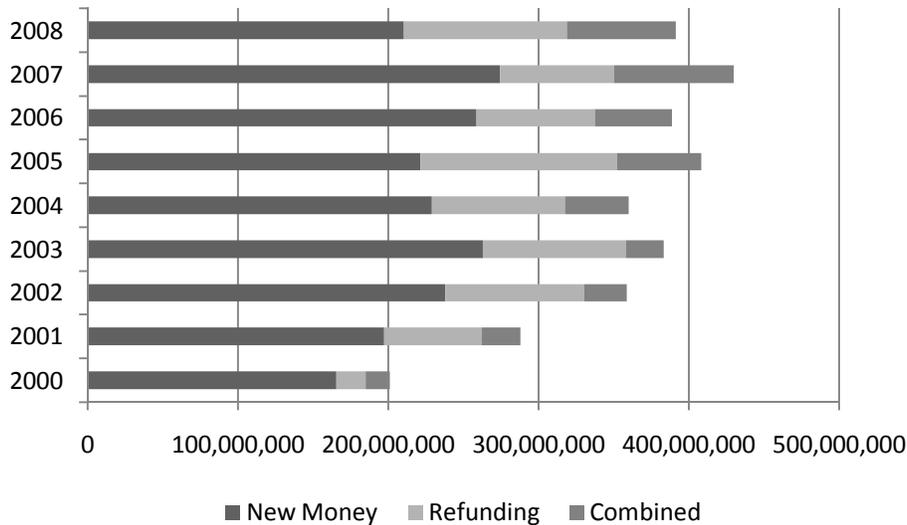
Fiscal Biennium	New Debt Authorized (\$)
1980-1982	689,312,400
1982-1984	534,024,000
1984-1986	535,929,000
1986-1988	494,721,100
1988-1990	364,171,900
1990-1992	1,148,218,400
1992-1994	439,375,100
1994-1996	429,575,900
1996-1998	313,575,000
1998-2000	1,168,030,000
2000-2002	1,046,727,600
2002-2004	835,188,380
2004-2006	1,906,315,300
2006-2008	2,110,528,000
2008-2010	2,015,494,000

Sources and Notes: Includes new debt authorized / reauthorized in regular sessions of the General Assembly and debt authorized in extraordinary sessions. Excludes debt authorized by the General Assembly but vetoed by the Governor.

### Municipal Bonds Issued Nationally

It is worth noting that the trend toward record debt issuance is also evident in the municipal bond market nationally. **Figure A** shows municipal debt maturing in 13 months or longer issued in the United States from calendar year (CY) 2000 to 2008 by the total par amount of bonds issued; the total amount providing new money for projects; the total amount issued to refund outstanding debt; and the total amount of combined new money / refunding issues.

**Figure A: Total Municipal Bond Issuance  
 in the United States, CY 2000 to 2008 (\$000s)**



Source: Thomson Reuters data.

The municipal bond market set the record for annual debt issuance in CY 2007, when \$429.9 billion of bonds were issued through 12,659 sales. Market analysts attributed the record amount of debt issuance to governments taking advantage of a relatively favorable credit market and addressing growing infrastructure needs.

Approximately \$391.4 billion of municipal debt was issued nationally in CY 2008 – the period encompassing the most severe phase of the recent financial crisis, in which interest rates spiked and the credit markets were effectively frozen. That figure represents a substantial decrease from CY 2007, but it is still at a historically high level of issuance. CY 2009 issuance so far has been lower in each month compared to CY 2008. Although interest rates have stabilized, the collapse of the bond insurance industry and persistently wide credit spreads (i.e., the difference in interest rates between higher- and lower-rated borrowers) have limited market access for many smaller and lower-rated issuers.

### Debt Indicators

While the amount of debt authorized does provide some information about trends, it does not show how the level of debt compares to the state’s potential to meet its obligations. The level of debt a state can comfortably support depends upon the state’s ability to generate sufficient revenues to meet its priorities. These priorities include both debt service payments and the various programs funded by the state. Therefore, analysts typically compare a state’s debt level to the state’s revenues and its ability to collect revenues. There are three indicators used by Kentucky policymakers and market participants in gauging whether the state will have the resources to make its debt service

payments: (1) debt service as a percent of revenues, (2) debt per capita, and (3) debt as a percent of personal income.

### **Debt as a Percent of Revenues**

Debt service is the sum of the principal and interest payments the state must make to bondholders in the course of a year. The ratio of debt service to revenues represents the percentage of Kentucky's annual operating budget devoted to paying off existing debt. State policymakers in the past have determined that a General, Agency, and Road Fund-supported debt service of 6 percent of total revenues represents a reasonable debt burden. Policymakers often refer to the difference between the state's actual debt burden and the 6 percent benchmark as the state's capacity to issue additional debt. Although the rating agencies use their own proprietary criteria for determining whether an issuer's debt burden is manageable, they have indicated that they expect Kentucky to stay within the level it has established.

This memorandum will depart from prior discussions of the state's debt capacity in two respects: (1) it offers an analysis of the state's debt capacity under three different scenarios, and (2) it draws out the projections of the state's future debt burden to show the effects of the General Fund debt restructuring.

**Outline of Scenario Analysis.** Traditionally, the ratio of debt service to revenues has been calculated based on the assumption that all authorized but unissued debt would be issued at the template interest rate. The template interest rate is the interest rate that budget staff uses in determining the amount of debt service that should be appropriated for new and reauthorized debt in budget bills. This rate is typically set above market interest rates in order to account for fluctuations in interest rates between the time the budget bill is enacted and when the authorized bonds are ultimately issued.

In the past, this method has tended to overstate the state's actual debt burden. Consequently, policymakers have authorized levels of new debt in the current and previous budgets that, if issued within the biennium and at the template interest rate, would exceed the 6 percent benchmark.

The traditional method of calculating the state's projected debt burden is unlikely to overstate the state's actual debt burden to the extent that it has in the past for three reasons. First, there is less authorized but unissued debt now than when this memorandum was prepared in the past, as debt issuance has nearly caught up with three biennia of historically large debt authorizations and the use of interim financing has been reduced. This means a greater percentage of the projected debt service is being calculated at the bonds' actual interest rate rather than at the potentially higher template rate. Second, as a result of the financial crisis, there has been more volatility in market interest rates, such that market interest rates have on occasion approached the template rate. And third, the odds of the state's credit ratings being downgraded have increased as both Moody's and Fitch have revised their outlooks on the state's appropriation-supported debt from stable to negative. Moody's indicates that a negative outlook means

the rating agency “believe[s] there’s a greater than 50 percent chance of downgrade over the medium term.”<sup>11</sup>

This memorandum analyzes the state’s debt capacity according to three scenarios, progressively removing some of the cushion included in the state’s estimated interest costs going forward: (1) using the template interest rate, (2) using market interest rates, and (3) using market interest rates plus the cost of the state’s credit ratings being downgraded to the “A” level with a stable outlook from all three rating agencies.<sup>12</sup> The analysis reveals that, absent other sources of revenue, the state likely does not have any capacity to issue additional debt and have the state’s debt burden remain below the 6 percent benchmark used historically by policymakers.

**Interest Rate and Revenue Assumptions.** All three scenarios assume that the state’s authorized but unissued debt will be issued as taxable Build America Bonds (BABs) with a 35 percent direct payment interest subsidy from the federal government.<sup>13</sup> BABs are currently the most cost-effective structure for issuing municipal bonds. The template rates for BABs are 9.25 percent for 20-year bonds and 8.75 percent for 10-year bonds. Estimated current market rates for BABs as of August 2009 are 6.50 percent for 20-year bonds and 6.00 percent for 10-year bonds. The additional cost of a downgrade is estimated at 0.35 percent.

Because the analysis assumes that all authorized but unissued debt will be issued as BABs, the 35 percent federal interest subsidy on the authorized but unissued debt and on previously issued BABs is included as a revenue source in debt capacity calculations.<sup>14</sup> It is important to note that this subsidy is not a federal guarantee. The state has covenanted on its BABs to pay the full interest due on the bonds if the federal government does not honor its commitment. If this were to happen, the state’s debt capacity would be reduced accordingly.

General and Road Fund revenues are based on the Consensus Forecasting Group’s (CFG) revised 2010 revenues with planning estimates. Agency Fund revenues are based on actual FY 2008 revenues without any additional growth in each fiscal year.

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<sup>11</sup> Moody’s Investors Service, *Compilation of U.S. Public Finance Rating Roadmaps* (May 2009).

<sup>12</sup> Data provided by the Office of Financial Management.

<sup>13</sup> The federal stimulus legislation authorizes state and local government agencies to issue an unlimited amount of taxable BABs through calendar year 2010. The issuer may elect to issue the bonds either as tax credit bonds or as taxable bonds with a 35 percent federal subsidy on the interest cost of the bonds. The subsidy offsets the higher interest rate on the bonds due to the bonds being issued on a taxable basis. (Municipal bonds are typically issued on a tax-exempt basis, meaning that the interest income on the bonds is exempt from federal taxation. In consideration of the tax advantage, investors are willing to accept a lower yield on the bonds, which reduces the issuer’s interest cost.) The purpose of the BAB program is to increase demand for municipal bonds following the financial crisis by opening the market up to investors that would not ordinarily invest in municipal bonds because they do not need the tax advantages (such as pensions and foreign investors). These investors generally invest in taxable corporate bonds.

<sup>14</sup> Previous BAB issues include State Property and Buildings Commission Revenue and Revenue Refunding Bonds Project No. 95 (priced June 24, 2009) and Morehead State University General Receipts Bonds, Taxable Build America Bonds 2009 Series A (priced July 15, 2009).

**Accounting for General Fund Debt Restructuring.** Estimates of the state’s future debt burden have been drawn out to FY 2012 because the figures for FY 2010 alone would be misleading. The ratio of debt service to revenues for FY 2010 is artificially low because it reflects (1) no additional principal and interest payments on authorized but unissued debt in FY 2010; (2) approximately \$52 million of principal payments due in FY 2010 that were pushed out into later years from the State Property and Buildings Commission Project No. 93 bond issue; and (3) approximately \$112 million of principal payments due in FY 2010 that were pushed out into later years plus capitalized interest from the State Property and Buildings Commission Project No. 95 bond issue. The figures for FY 2012 provide a more accurate representation of the state’s debt burden going forward.

**Scenario 1: Using the Template Rate.** Table 4 shows the state’s appropriation-supported debt service as a percent of General, Agency, and Road Fund revenues at the end of each fiscal biennium since 1992 and projected for FY 2010 and FY 2012 using the template rate and assuming no additional debt is authorized. In FY 2010, the state is projected to have a total debt service of approximately \$544.4 million and a ratio of debt service to revenues of 4.18 percent.<sup>15</sup> This ratio implies that policymakers could authorize another \$2.1 billion of debt and remain below the 6 percent benchmark, but this is misleading on account of the FY 2010 General Fund debt restructuring. In FY 2012, the state’s total debt service is projected to climb to \$909 million, for a ratio of debt service to revenues of 6.67 percent.<sup>16</sup> This suggests that at the template interest rate, the state does not have any capacity to issue additional debt and remain below the 6 percent benchmark.

**Table 4: Appropriation-Supported Debt Service as a Percent of Total Revenues 1992-2012**

Fiscal Biennium	Percent
1992	6.10
1994	5.80
1996	5.60
1998	5.30
2000	5.90
2002	5.25
2004	5.61
2006	5.80
2008	4.82
2010 (projected)	4.18
2012 (projected)	6.67

*Sources and Notes:* 1992-2008 Commonwealth of Kentucky, *Comprehensive Annual Financial Reports and Supplements*. 2010-2012 projections from the Office of Financial Management.

<sup>15</sup> This is an aggregate figure. If the ratio were calculated separately for General, Agency, and Road Fund-supported debt, it would be 3.41, 3.92, and 10.48 percent, respectively.

<sup>16</sup> If the ratio were calculated separately for General, Agency, and Road Fund-supported debt, it would be 6.64, 4.49, and 12.80 percent, respectively.

**Scenario 2: Using Current Market Rates.** Calculating the state's debt burden using current market interest rates instead of the template rate does not bring the state's debt burden below the 6 percent benchmark. At current market rates, the state is projected to have a FY 2010 total debt service of \$535.5 million and a ratio of debt service to revenues of 4.11 percent.<sup>17</sup> This ratio implies that state policymakers could authorize another \$2.7 billion of debt and remain below the 6 percent benchmark, but again, this is misleading. At current market rates, the state is expected to have a FY 2012 total debt service of \$873 million and a ratio of debt service to revenues of 6.41 percent.<sup>18</sup>

**Scenario 3: Pricing in a Downgrade.** If the state's credit ratings were downgraded prior to the issuance of the authorized but unissued debt, the state would be projected to have a FY 2010 total debt service of \$536.6 million and a ratio of debt service to revenues of 4.12 percent.<sup>19</sup> For FY 2012, the total debt service increases to \$877.4 million, for a ratio of debt service to revenues of 6.44 percent.<sup>20</sup> A downgrade would also affect the interest cost of any new debt authorized by the General Assembly in future budgets.

### Debt Per Capita

While state policymakers focus on the state's debt service as a percent of revenues, the rating agencies and market analysts often cite debt per capita and debt as a percent of personal income as indicators of whether a state is issuing a manageable level of debt. Both of these convey important information regarding how a state's debt burden has changed with respect to its tax base.

In its publication, *2009 State Debt Medians*, Moody's offers statistics regarding the net tax-supported debt per capita and net tax-supported debt as a percent of personal income. **Appendix B** displays these indicators for Kentucky and the national medians for CY 2009. (Moody's offers these calculations on a calendar-year basis; staff calculations are provided on a fiscal-year basis.) Moody's credit analysts have mentioned these indicators in their ratings of debt issues, explaining that Kentucky has a high debt burden relative to other state debt issuers.<sup>21</sup>

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<sup>17</sup> If this ratio were calculated separately for General, Agency, and Road Fund-supported debt, it would be 3.41, 3.67, and 10.48 percent, respectively.

<sup>18</sup> If this ratio were calculated separately for General, Agency, and Road Fund-supported debt, it would be 6.49, 4.18, and 12.00 percent, respectively.

<sup>19</sup> If this ratio were calculated separately for General, Agency, and Road Fund-supported debt, it would be 3.41, 3.70, and 10.48 percent respectively.

<sup>20</sup> If this ratio were calculated separately for General, Agency, and Road Fund-supported debt, it would be 6.50, 4.21, and 12.10 percent, respectively.

<sup>21</sup> Moody's Investors Service, *Moody's Assigns Aa3 Rating to \$388 Million Kentucky State Property and Buildings Commission Revenue and Revenue Refunding Bonds* (June 22, 2009).

Kentucky ranks 14<sup>th</sup> in the nation in net tax-supported debt per capita at \$1,477. Most states with higher ratings have less outstanding debt per capita than Kentucky. The average debt per capita is shown to be \$1,195 and the median in \$865.<sup>22</sup>

**Table 5** shows the total appropriation-supported debt per capita from FB 1992 through the current and next biennium (projected). Debt per capita was at its lowest level in the 1998-2000 biennium, before the legislature authorized more than \$1 billion in new debt. With three biennia of record debt authorizations, Kentucky is projected to have its highest debt per capita, \$1,865, going into FB 2012.

**Table 5: Appropriation-Supported Debt Per Capita 1992-2012**

Fiscal Biennium	Debt Per Capita
1992	\$942
1994	\$990
1996	\$973
1998	\$873
2000	\$880
2002	\$1,094
2004	\$1,081
2006	\$1,181
2008	\$1,476
2010 (projected)	\$1,724
2012 (projected)	\$1,865

Sources and Notes: United States Census Bureau; Commonwealth of Kentucky, *Comprehensive Annual Financial Reports*; FB 2010-2012 projections use data from the Office of Financial Management and the state’s 2008 population.

### Debt as a Percent of Personal Income

According to Moody’s, Kentucky ranks 9<sup>th</sup> in the nation with respect to net tax-supported debt as a percent of 2007 personal income, at 4.8 percent. Kentucky is above the national average of 3.1 percent and median of 2.5 percent for this indicator.

**Table 6** shows debt as a percent of personal income, with projections based on the state’s 2008 personal income. Moody’s advises a “low-to-moderate burden of long-term tax supported state debt, generally not exceeding 6 percent of personal income.”<sup>23</sup>

The state has remained below 6 percent since 1996, but is expected to approach that benchmark in FB 2012.

<sup>22</sup> Moody’s Investors Service, *2009 State Debt Medians* (July 2009).

<sup>23</sup> Moody’s Investors Service, *State Rating Methodology* (November 2004).

**Table 6: Appropriation-Supported Debt  
 as a Percent of Personal Income**

Fiscal Biennium	Percent
1992	6.30
1994	6.00
1996	5.50
1998	4.50
2000	3.60
2002	4.30
2004	3.90
2006	4.02
2008	4.64
2010 (projected)	5.42
2012 (projected)	5.86

Sources and Notes: United States Bureau of Economic Analysis Regional Economic Accounts; Commonwealth of Kentucky, *Comprehensive Annual Financial Reports*; FB 2010-2012 projections include data from the Office of Financial Management.

### Other Long-Term Obligations

Kentucky has some significant long-term, debt-like commitments that contribute to the state’s recurring expenditures. Although these obligations are not included in the calculations of the debt indicators discussed above, they do affect the state’s debt capacity to the extent that, as they increase in scope, they may begin to compete with the bonds’ annual debt service payments as a budgetary priority. These obligations are also considered by market participants when evaluating the state’s overall creditworthiness.

**Unfunded Pension and Retiree Health Care Liabilities.** All three rating agencies factor pension and other post-employment benefits into their credit analyses, and all three consider Kentucky’s funding levels weak. Although updated information on the state’s pension funding levels will not be released until later in the year, Moody’s concludes (based on last year’s data) that “Kentucky’s retirement system funded levels are low, at 68 percent for the Kentucky Teachers’ Retirement System and 55 percent for the Kentucky Employees Retirement System.”<sup>24</sup>

S&P notes that the rating agency “feel[s] the current revenue environment has hindered the commonwealth’s ability to make meaningful progress in reducing its pension and retiree health care liabilities.”<sup>25</sup>

<sup>24</sup> Moody’s Investors Service, *Moody’s Assigns Aa3 Rating to \$388 Million Kentucky State Property and Buildings Commission Revenue and Revenue Refunding Bonds* (June 22, 2009).

<sup>25</sup> Standard and Poor’s, *Kentucky State Property and Buildings Commission Outlook Revised to Stable from Positive, A+ Rating Confirmed* (June 23, 2009).

**Administrative Office of the Courts Projects.** Although the bonds to fund court projects are issued by county governments, the state has committed to pay all or a portion of the debt service on those bonds through annual use allowance payments. As of August 2009, the total committed annual use allowance for all projects with outstanding bonds is \$59.4 million. The total maximum annual authorized use allowance for projects where bonds have not yet been sold is \$26.2 million. Taken together, the state has committed to approximately \$85.6 million in annual use allowance payments for court projects.<sup>26</sup>

### Economic Analysis

Economic analysis is important in considering a state's debt burden because it provides information as to whether the state's revenues will be increasing or decreasing, whether the state may be unusually susceptible to economic downturns, and whether one may reasonably expect a state's cost structure to shift significantly over time. All of these factors will impact the state's ability to honor its long-term obligations.

The economic landscape has changed considerably since the previous memorandum on Kentucky's bonded indebtedness was prepared. The National Bureau of Economic Research (NBER) determined that a recession began in the United States in December 2007. NBER has not yet made a determination as to the end of the recession.

State tax revenues are influenced by the performance of the economy, and this economic downturn has had an especially severe impact on the state. According to the discussion of Kentucky's economic indicators at the August 12, 2009, CFG meeting:

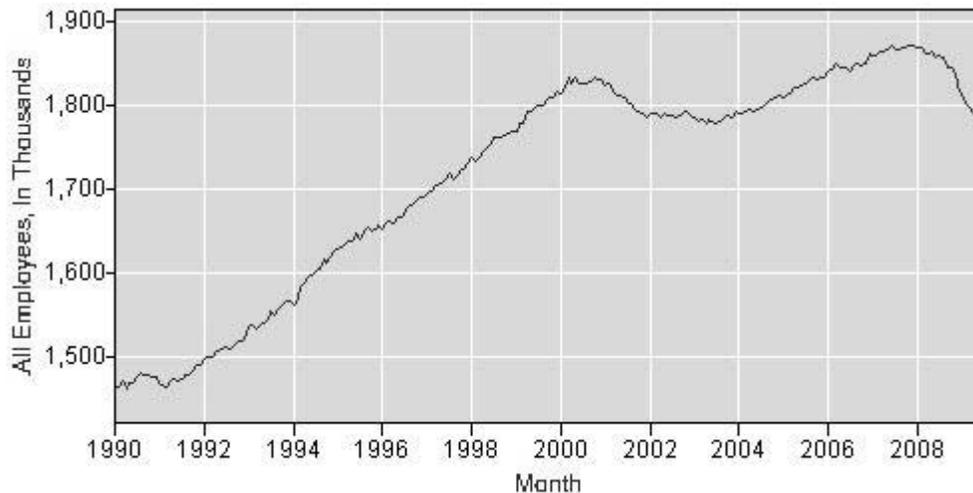
*Total Kentucky non-farm payroll continues to fall sharply. Employment in May fell by 9,700 seasonally adjusted positions, or 6.7 percent, in just one month. The recession of 2007 officially began in December 2007 ... However, the peak for Kentucky non-farm employment occurred in November of 2007 with 1,833,600 seasonally adjusted jobs. Since this recent peak, non-farm employment has fallen by 92,400 seasonally adjusted positions, a loss of 4.9 percent. For comparison Kentucky lost 56,000 seasonally adjusted jobs from peak to trough during the 2001 recession, a 3.1 percent loss. There is some indication that employment will sustain some additional losses before forming a bottom. Monthly employment losses have been considerably greater in the last six months than in the prior six months. The increase in the rate of decline may suggest that firms who were hoping to maintain existing staffing levels during the recession were finally forced to cut employment due to the length and magnitude of the downturn.<sup>27</sup>*

<sup>26</sup> Data provided by the Administrative Office of the Courts.

<sup>27</sup> Consensus Forecasting Group, August 12, 2009, discussion of economic indicators.

**Figure B** shows how Kentucky’s total non-farm employment has changed over time.

**Figure B: Kentucky Total Non-Farm Employment, 1990 to Present (Seasonally-Adjusted)**



Source: United States Bureau of Labor Statistics. Current Employment Survey.

Declining employment makes Kentucky’s tax base less stable, which is reflected in state tax revenues to the extent that it reduces taxable income and results in decreased consumer purchases of taxable items. General Fund revenues declined 2.7 percent year-over-year in FY 2009, driven primarily by a 38.4 percent decline in corporate income tax, 4.8 percent decline in individual income tax, and 0.7 percent decline in sales and use tax. The decline in revenues was mitigated by 25.6 percent increase in coal severance tax receipts and 19.8 percent increase in cigarette tax receipts, which is due to the General Assembly raising the tax on cigarettes during the 2009 Regular Session. FY 2009 was only the second year on record where General Fund revenues declined on a year-over-year basis. For comparison, revenues declined 1.4 percent in FY 2002, following the September 11, 2001, terrorist attacks.<sup>28</sup>

The CFG offered planning estimates at the August 2009 meeting that suggest General Fund revenues will demonstrate another 2.5 percent year-over-year decline in FY 2010, but will increase by 2.5 percent and 3.4 percent year-over-year in FY 2011 and FY 2012, respectively. Even with these increases, General Fund revenues are not expected to return to FY 2008 levels of \$8.66 billion until FY 2012, when they are projected to be approximately \$8.71 billion.

<sup>28</sup> State Budget Director’s August 27, 2009, presentation to the Interim Joint Committee on Appropriations and Revenue.

The rating agencies often cite the concentration of Kentucky's economy in manufacturing as a credit challenge that makes the state more susceptible to economic downturns. As Moody's wrote in its most recent rating of the state's debt:

*Kentucky's reliance on manufacturing hurt the commonwealth in recent years, as that sector saw declines averaging 5 percent annually for 2001 through 2003. Declines continued, but at lower rates of less than 1 percent through 2006. The declines began to increase to 1.9 percent in 2007 and 4.2 percent in 2008; in May 2009 the year-over-year decline was 16 percent .... Kentucky's economy is particularly vulnerable to weakening in the auto manufacturing sector as Ford and Toyota are two of the commonwealth's largest employers. While these employers have been negatively affected by the economic downturn, they are expected to fare better than other manufacturers. In general, a trend of declining consumer confidence and lower household discretionary income will be a negative factor affecting the commonwealth's employment and finances.<sup>29</sup>*

Road Fund revenues declined 5.6 percent in FY 2009. This decline is attributed primarily to a 45.2 percent decline in investment income, a 17.1 percent decline in motor vehicle usage tax revenue, and a 10.6 percent decline in weight distance tax revenue. As with General Fund revenues, Road Fund revenues are not expected to return to their FY 2008 level of \$1.26 billion until FY 2012, when they are projected to be \$1.27 billion.

To the extent that economic weakness translates into declining or flat revenues, Kentucky's economy will be a constraint on the state's ability to support additional bonded indebtedness.

### **Credit Rating Agencies**

Moody's, S&P, and Fitch publish ratings of municipal bonds that assess a state's general ability and willingness to make timely payments on outstanding debt. Their ratings have an important role in establishing the interest cost of bonds. A higher rating signals a lower risk that the state will not make its debt payments, which results in the state paying lower interest rates. It is in the best interest of an issuer to achieve the highest rating possible, while taking into account the overall priorities of the state, because it lowers the state's cost of capital. A description of the various levels of ratings from each agency is provided in **Appendix C** of this memorandum.

Kentucky has had four negative ratings events since the September 2007 memorandum to the Capital Planning Advisory Board on Kentucky's bonded indebtedness. Moody's and Fitch revised their outlooks on the state's appropriation-supported debt to negative in April 2008. S&P revised its outlook on the state's debt from positive to stable in June 2009. Moody's also revised its rating outlook on the state university intercept program to negative. (The rating for the university intercept program moves in conjunction with the

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<sup>29</sup> Moody's Investors Service, *Moody's Assigns Aa3 Rating to \$388 Million Kentucky State Property and Buildings Commission Revenue and Revenue Refunding Bonds* (June 22, 2009).

state's issuer credit rating.) Outlook revisions are not downgrades in the state's credit ratings, but they do indicate a higher risk of being downgraded.

### **Moody's Investors Service**

Moody's has assigned Kentucky an Aa2 issuer credit rating with a negative outlook and rates the state's appropriation-supported debt (as issued by the State Property and Buildings Commission) Aa3 with a negative outlook.<sup>30</sup> The rating agency identifies as credit strengths the state's history of financial control and trend of having positive General Fund ending balances. Among the state's credit challenges are: "significant fiscal stress" due to lower-than-anticipated revenues; reliance on a weakening manufacturing sector, especially auto manufacturing; low per capita income; above-average debt ratios; relatively low pension system funding; and a history of late budget adoption.

Moody's indicates that the state's ratings could be revised upward if the state experiences long-term economic growth and increased revenues; enacts structurally-balanced budgets; and increases its reserves. The rating agency may revise the state's credit ratings downward if the state's economy continues to slow; if the state does not develop a plan for rebuilding its reserves and continues to rely on non-recurring sources of revenue to fund on-going expenditures; if the state does not plan for when the federal fiscal stimulus funding is fully utilized; and if the state's liquidity decreases. As discussed earlier, the rating agency's negative outlook suggests that it is more likely that the state's ratings will be downgraded in the medium term rather than upgraded.

### **Standard and Poor's**

S&P has assigned Kentucky an AA- issuer credit rating with a stable outlook and rates the state's appropriation-supported debt A+.<sup>31</sup> The rating agency perceives the state to have a relatively stable economic base, but one that is weakening due to decreased employment in the manufacturing sector. S&P also views as a positive factor state policymakers' willingness to make revenue and spending revisions mid-year. S&P views the state's debt burden as low. It is important to note, however, that S&P rates the state's appropriation-supported debt at a lower level than the other rating agencies, so S&P's characterization of the state's debt burden is relative to other lower-rated municipal credits.

S&P emphasizes that the state's unfunded pension liabilities are a credit challenge for the state moving forward.

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<sup>30</sup> Ibid.

<sup>31</sup> Standard and poor's RatingsDirect, *Kentucky: General Obligation* (June 23, 2009).

## **Fitch Ratings**

Fitch does not provide issuer credit ratings but rates the state's appropriation-supported debt AA- with a negative outlook.<sup>32</sup>

As with the other two rating agencies, Fitch mentions the state's economic exposure to the manufacturing sector as a credit challenge, but notes that the state economy had been gradually diversifying since the last recession. Fitch also identifies the state's above-average debt levels, depletion of reserves, and relatively low pension funding levels as credit concerns.

## **Conclusion**

Public projects are often financed by issuing debt when the benefits produced by the project exceed the cost of the project and the cost of borrowing the funds to finance the project. The cost of financing a project is based largely on the market's perception of the likelihood that the state will meet its obligations, with greater risk of not meeting those obligations requiring higher interest costs. Market participants consider various factors in evaluating the state's creditworthiness, which include:

- whether the state maintains a structurally-balanced budget;
- the degree to which the state builds reserves to address unexpected expenditures or declines in revenues; and
- the amount of debt a state issues relative to its revenues or measures of the state's economy.

Currently, Kentucky's economy is under significant stress related to the national economic downturn. This stress, coupled with a pattern of using non-recurring revenues to fund on-going expenditures, the depletion of reserves, and three biennia of record levels of debt authorizations, has limited the resources available to fund additional borrowing and increased the state's exposure to further deterioration in revenues.

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<sup>32</sup> Fitch Ratings, *Tax Supported New Issue: Commonwealth of Kentucky State Property and Buildings Commission* (June 22, 2009).

## **Appendix A: An Overview of Kentucky's Debt-Issuing Authorities**

Kentucky has debt that is supported by General Assembly appropriations and debt that is supported by other resources.

### **Appropriation-Supported Debt**

Appropriation-supported debt is specifically authorized by the General Assembly in an appropriations bill (such as the state budget). This debt could potentially be issued in two forms, which are distinguished by the security pledged for the repayment of the debt: (1) general obligation bonds, or (2) project revenue bonds.

**General Obligation Bonds.** General obligation bonds are backed by a state's full faith, credit, and authority to levy taxes. Kentucky is one of ten states that do not have any general obligation debt.<sup>33</sup> Section 50 of the Kentucky Constitution requires that general obligation bond issues in amounts exceeding \$500,000 be approved by voter referendum. Kentucky has not issued general obligation bonds since 1965 and retired the last outstanding general obligation bonds in 1995.

Moody's and S&P both assign issuer credit ratings to Kentucky that are effectively what the state's general obligation rating would be if the state issued general obligation debt. These ratings are Aa2 with a negative outlook from Moody's and AA- with a stable outlook from S&P. (Note: Ratings definitions are provided in **Appendix C** of this memorandum.)

**Project Revenue Bonds.** Project revenue bonds are supported by the revenues generated by the project financed with bond proceeds. Kentucky has various authorities that issue lease appropriation project revenue bonds. The bonds are secured by a pledge of lease rental payments (which are the debt service payments on the bonds) from the Finance and Administration Cabinet. The debt service payments are made pursuant to the terms of various lease agreements, which are automatically renewed for successive budget biennia unless terminated by the cabinet or state agency.

Debt service payments are subject to biennial appropriation in the state budget. The lease agreements require the cabinet or state agency to seek sufficient legislative appropriations to pay the debt service on the bonds in each budget biennium. The General Assembly has no obligation to make appropriations for debt service payments, and the cabinets have no obligation to renew the leases associated with the bonds. In the event of non-appropriation, the lease agreements are not secured by any interest in or lien on the properties being financed with bond proceeds. However, market participants expect the state to repay the funds it has borrowed and failure to do so would likely make investors less willing to lend the state money in the future.

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<sup>33</sup> Moody's Investors Service, *2009 State Debt Medians* (July 2009). The other states are Kansas, Idaho, Indiana, North Dakota, Colorado, South Dakota, Iowa, Wyoming, and Nebraska.

While Kentucky has never defaulted on its debt, the potential for non-appropriation has been an issue in the past with respect to late budget adoption. The budgets for FY 2003-2004 and FY 2005-2006 were adopted late. In the absence of a budget, the governors issued executive orders with spending plans. The Kentucky Supreme Court in 2005 opined that the governor's spending authority in the absence of a budget is limited to spending that is statutorily or constitutionally required; federally mandated; or previously authorized by the General Assembly as a continuing appropriation. The opinion specifically cited debt service as an example of a continuing appropriation.<sup>34</sup>

### **Entities Issuing Appropriation-Supported Debt**

Listed below are the entities that have the authority to issue appropriation-supported debt. The debt of each entity is rated by the major rating agencies when the entity issues new bonds. The rating agencies may also decide to take a ratings action (for example, upgrade or downgrade the rating) at any time, as they deem circumstances warrant.

**State Property and Buildings Commission** (Moody's Aa3; S&P A+; Fitch AA-). The State Property and Buildings Commission (SPBC) was established by KRS 56.450 to provide financing for capital construction projects and programs. SPBC bonds are typically supported by General Fund revenues, although there have been occasional bond issues supported by Agency and Road Fund revenues.<sup>35</sup> (The latter bond issues are rated differently based on the revenues pledged.) SPBC debt must be authorized by the General Assembly.

**Kentucky Asset/Liability Commission** (Ratings vary depending on the type of financing.) The Kentucky Asset/Liability Commission (ALCo) was established by KRS 56.860-.869 to provide financing for capital projects and borrow funds to meet the state's working capital needs. ALCo cannot incur debt without General Assembly authorization, with the exception of cash flow borrowings within a fiscal year.

ALCo debt includes the following kinds of financings:

**Tax and Revenue Anticipation Notes (TRANs)** – TRANs are issued to meet the state's cash flow requirements in anticipation of revenues to be collected during the fiscal year. Issuing TRANs can produce an economic benefit for the state by allowing the state to pay its bills with tax-exempt bond proceeds rather than by selling taxable investments and bearing the investment risk. This program was initiated in 1998. ALCo will not issue TRANs for the current fiscal year. The state has sufficient liquidity to fund FY 2010 operations without borrowing, which is viewed positively from a credit perspective.

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<sup>34</sup> Supreme Court of Kentucky, 2005-SC-0046-TG (May 19, 2005).

<sup>35</sup> An example would be Road Fund projects that do not qualify for funding by the Turnpike Authority, such as office buildings or technology projects.

**Project Notes** – Project notes provide interim financing for projects as authorized across budget cycles. These notes are issued for projects that may not necessarily meet the federal tax code’s required pace for spending tax-exempt bond proceeds. The notes typically bear interest at the commercial paper rate (an interest rate for short-term debt), which has historically been less than the template interest rate used in projecting borrowing costs in budget bills. This program was initiated in 1998. ALCo also issues project notes for General, Agency, and Road Fund supported projects. Market conditions in recent months made it a challenge to maintain outstanding commercial paper, so projects have received partial permanent financing as they are ready to proceed as an alternative to interim financing.

**Floating Rate Notes** – ALCo has one issue of floating rate notes outstanding. This is variable rate debt that is perfectly hedged by interest rate derivatives.<sup>36</sup>

**Debt for the University of Kentucky (UK) Hospital** – ALCo has issued debt on behalf of UK as the university initiated its capital construction program at the hospital. This debt is Agency Fund-supported.

**Grant Anticipation Revenue Vehicle Project Notes (GARVEEs)** – This debt is issued for highway projects. The required debt service on GARVEE bonds is paid from the state’s future federal highway receipts. Kentucky has issued GARVEE bonds twice, in 2005 and 2007.

**School Facilities Construction Commission (Moody’s Aa3).** The School Facilities Construction Commission (SFCC) was established by KRS 157.611-.665 to assist local school districts in the construction of school buildings. SFCC debt is General Fund-supported and requires General Assembly authorization.

**Kentucky Infrastructure Authority (Moody’s Aa3; S&P A+; Fitch AA-).** The Kentucky Infrastructure Authority (KIA), established under KRS 224A, issued General Fund-supported debt in the past for revolving fund programs providing assistance to local governments for infrastructure projects. KIA cannot incur debt for its revolving fund programs without authorization from the General Assembly.

The 2008-2010 budget authorizes KIA to issue Agency Fund-supported bonds in an amount of \$200 million for its Fund A and \$30 million for its Fund F loan programs.

**Turnpike Authority of Kentucky (Moody’s Aa3; S&P AA+; Fitch AA-).** The Turnpike Authority of Kentucky (TAK) was established by KRS 175.410-.990 to finance the construction and maintenance of road projects. TAK debt is Road Fund-supported and requires General Assembly authorization. Section 230 of the Kentucky Constitution limits the use of Road Fund revenues to the payment of highway obligations; the

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<sup>36</sup> The floating rate notes, debt for the UK Hospital, and GARVEE bonds are all technically considered “project notes.”

construction, maintenance, and repair of highways and bridges; and the expense of enforcing traffic and motor vehicle laws.

**Public Universities.** KRS 56.495 authorizes the Board of Trustees of UK and the University of Louisville (UL) and the Board of Regents of Eastern Kentucky University, Kentucky State University, Morehead State University, Murray State University, Northern Kentucky University, and Western Kentucky University to issue bonds for consolidated education buildings and housing and dining facilities.

The universities historically issued bonds under two separate trust indentures – consolidated education and housing and dining.<sup>37</sup> Beginning with UK in 2005, the universities have transitioned to general receipts trust indentures, where the bonds are secured by a broad pledge of revenues, such as student registration fees, nongovernmental grants and contracts, recovery of facilities and administration costs, state appropriations, gifts, and investment income and gains, among others. The revenues pledged vary for each university. Some universities exclude revenues from specific operations (such as housing or athletic facilities) from their pledge of the university's general receipts.

There are also differences among the universities in the types of debt captured under the general receipts indenture. Some universities have also included a general receipts pledge in specific capital leases in addition to their bond issues. UK included its acquisition of Samaritan Hospital under its general receipts indenture. Eastern Kentucky University included a general receipts pledge in its recent energy savings performance contract (ESPC) for campus-wide improvements. (The Finance Cabinet has since implemented a policy that ESPCs cannot involve a general receipts pledge.)

Ratings for the universities vary depending on criteria such as their respective levels of state support, market position, operating performance, borrowing history, and other factors. The table below provides the underlying ratings for each university's general receipts bonds.<sup>38</sup> Fitch does not rate Kentucky university debt.

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<sup>37</sup> A trust indenture is an agreement between the issuer of the debt – in this case, a university – and the trustee, which acts as a fiduciary on behalf of bondholders. The trustee is responsible for administering the funds specified in the trust indenture as those pledged for the repayment of the debt.

<sup>38</sup> The rating agencies provide underlying ratings for bonds where there is some form of credit enhancement (bond insurance, bank letter of credit, etc.) present. In this case, the credit enhancement is the state university intercept program.

### University General Receipts Ratings

University	Moody's	S&P
Eastern Kentucky University	A2	A
Kentucky State University	A3	Not Rated
Morehead State University	A2	Not Rated
Murray State University	A2	Not Rated
Northern Kentucky University	A2	Not Rated
University of Kentucky	Aa3	AA-
University of Louisville	Aa3	AA-
Western Kentucky University	A2	Not Rated

Source: Moody's Investors Service and Standard and Poor's.

**University Intercept Program.** Pursuant to KRS 164A.608, if the governing board of a public university is not able to make the required debt service payments on the university's outstanding bonds, the trustee or paying agent bank is required to notify the secretary of the Finance and Administration Cabinet, which will then withhold or intercept a sufficient portion of the university's appropriated funds to make the debt service payment. Moody's and S&P treat this provision as a credit enhancement program and have issued ratings for it. Moody's rates the state university intercept program Aa3 and S&P rates it A+. These ratings are the same as the agencies' ratings for the state's General Fund appropriation-supported debt and are expected to be revised in accordance with any changes in the state's own credit ratings.

The university intercept program has reduced the interest cost for regional universities because the ratings on these universities' debt are below those of the intercept program. However, Moody's and S&P rate UK and UL's debt on the same level or higher than the state's General Fund appropriation-supported debt. These universities benefit from having the program in place as it reinforces the universities' commitment to fulfill their obligations to bondholders, but it does not reduce their interest cost.

### Non-Appropriation-Supported Debt<sup>39</sup>

Both the Kentucky Housing Corporation (KHC) and the Kentucky Higher Education Student Loan Corporation (KHESLC) issue asset-backed securities, or bonds that are repaid from income generated by their respective loan portfolios. There are statutory limits on the amount of debt that these entities are authorized to assume. KRS 198A.090 limits KHC's outstanding debt to \$5 billion. Likewise, KRS 164A.080 limits KHESLC's outstanding debt to \$5 billion.

<sup>39</sup> Both the Kentucky Housing Corporation and the Kentucky Economic Development Finance Authority also issue conduit revenue bonds. In a conduit bond issue, the bonds are issued on behalf of a third party, such as a private, for-profit business or a 501(c)(3) organization. The bonds are not considered a debt obligation of the issuer, but are backed solely by the credit of the third party or the revenues produced by the project being financed. Kentucky state law requires that bond documents explain that the debt is not a debt of the issuer or of the state.

**Moral Obligation Debt.** All of KHC's mortgage revenue bonds and some of KHESLC's student loan bonds are considered moral obligation debt of the state. The moral obligation debt involves a covenant requiring these issuers to request funds from the governor and General Assembly sufficient to pay the debt service on the bonds in the event that the issuers have a revenue shortfall.

As of June 30, 2009, KHC had approximately \$2.17 billion of outstanding debt. As of June 30, 2009, KHESLC had approximately \$2.20 billion of outstanding debt, of which \$811 million is considered moral obligation debt.

**Kentucky Housing Corporation** (Moody's Aaa; S&P AAA). KHC funds programs to provide mortgage loans to low- and moderate-income home buyers by issuing tax-exempt and taxable revenue bonds. The corporation borrows money from investors in the bond market and uses the borrowed funds to originate mortgage loans. KHC then uses the monthly mortgage payments it receives from home buyers to repay the bondholders the amount it has borrowed with interest.

Recent federal legislation has given state housing finance authorities like KHC the ability to issue bonds that are not subject to the alternative minimum tax (AMT). Without the ability to issue bonds on a non-AMT basis, it would be difficult for KHC to fund its single-family mortgage programs under current market conditions.

**Kentucky Higher Education Student Loan Corporation** (Senior debt: S&P AAA; Fitch AAA. Subordinate debt: S&P A; Fitch A.) KHESLC makes loans to residents of Kentucky and Alabama under the Federal Family Education Loan Program (FFELP). Repayment of FFELP loans is guaranteed by federally-designated agencies – in this case, the Kentucky Higher Education Assistance Authority – and reinsured by the federal government.

In the past, KHESLC has issued tax-exempt and taxable revenue bonds and used the proceeds to make student loans. The majority of KHESLC's debt was issued as auction rate securities (ARS), a type of variable rate debt, to match the variable rate subsidy KHESLC receives from the federal government. KHESLC, like many other student loan providers, was adversely affected when the ARS market collapsed in early 2008. The corporation was forced to cut programs and suspended making new student loans for a period.

The federal Department of Education established a temporary program to purchase new debt from FFELP student loan providers to enable them to continue making loans. The president has recommended and legislation has been introduced to eliminate the FFELP program. It is unclear whether the federal government will continue to provide this assistance or transition to another method of supporting student lending. KHESLC's outstanding ARS are currently not trading in the market.

## Appendix B: 2009 State Debt Medians Moody's Investors Service

**Table 1: Net Tax-Supported Debt  
 Per Capita**

	\$	Rating
1 Connecticut	\$4,490	Aa3
2 Massachusetts	\$4,323	Aa2
3 Hawaii	\$3,675	Aa2
4 New Jersey	\$3,621	Aa3
5 New York	\$2,971	Aa3
6 Delaware	\$2,128	Aaa
7 Washington	\$2,087	Aa1
8 Illinois	\$1,877	A1
9 Rhode Island	\$1,812	Aa3
10 California	\$1,805	Baa1
11 Oregon	\$1,606	Aa2
12 Maryland	\$1,507	Aaa
13 Mississippi	\$1,478	Aa3
14 Kentucky	\$1,477	Aa2*
15 Wisconsin	\$1,429	Aa3
16 New Mexico	\$1,394	Aa1
17 Kansas	\$1,164	Aa1*
18 Louisiana	\$1,164	A1
19 Florida	\$1,115	Aa1
20 West Virginia	\$1,050	Aa3
21 Georgia	\$984	Aaa
22 Ohio	\$962	Aa2
23 Pennsylvania	\$950	Aa2
24 South Carolina	\$899	Aa1
25 Minnesota	\$866	Aa1
26 Nevada	\$865	Aa2
27 Alaska	\$861	Aa2
28 North Carolina	\$832	Aa1
29 Arizona	\$807	Aa3
30 Alabama	\$796	Aa2
31 Virginia	\$782	Aaa
32 Michigan	\$766	Aa3
33 Maine	\$743	Aa3
34 Vermont	\$692	Aaa
35 Missouri	\$670	Aaa
36 New Hampshire	\$525	Aa2
37 Texas	\$520	Aa1
38 Idaho	\$513	Aa2*
39 Oklahoma	\$511	Aa3
40 Indiana	\$482	Aa1*
41 Utah	\$447	Aaa
42 Montana	\$391	Aa2
43 Arkansas	\$375	Aa2
44 North Dakota	\$356	Aa2*
45 Colorado	\$340	NGO**
46 South Dakota	\$274	NGO**
47 Tennessee	\$233	Aa1
48 Wyoming	\$84	NGO**
49 Iowa	\$79	Aa1*
50 Nebraska	\$17	NGO**
<b>MEAN:</b>		<b>\$1,195</b>
<b>MEDIAN:</b>		<b>\$865</b>

Puerto Rico \$33,489\*\*\* Baa3

\*Issuer Rating (No G.O Debt)

\*\* No General Obligation Debt

\*\*\* This figure is not included in any totals, averages, or median calculations but is provided for comparison purposes only.

**Table 2: Net Tax-Supported Debt  
 as a % of 2007 Personal Income**

	%	
1 Hawaii	9.4%	
2 Massachusetts	8.9%	
3 Connecticut	8.2%	
4 New Jersey	7.3%	
5 New York	6.3%	
6 Delaware	5.4%	
7 Mississippi	5.2%	
8 Washington	5.1%	
9 Kentucky	4.8%	
10 Oregon	4.6%	
11 Illinois	4.6%	
12 Rhode Island	4.5%	
13 New Mexico	4.6%	
14 California	4.4%	
15 Wisconsin	4.0%	
16 Louisiana	3.3%	
17 West Virginia	3.6%	
18 Maryland	3.3%	
19 Kansas	3.2%	
20 Georgia	3.0%	
21 South Carolina	2.9%	
22 Florida	2.9%	
23 Ohio	2.8%	
24 North Carolina	2.5%	
25 Arizona	2.5%	
26 Alabama	2.5%	
27 Pennsylvania	2.5%	
28 Maine	2.2%	
29 Michigan	2.2%	
30 Nevada	2.2%	
31 Alaska	2.2%	
32 Minnesota	2.1%	
33 Missouri	2.0%	
34 Virginia	1.9%	
35 Vermont	1.8%	
36 Idaho	1.6%	
37 Oklahoma	1.5%	
38 Utah	1.5%	
39 Indiana	1.5%	
40 Texas	1.4%	
41 New Hampshire	1.3%	
42 Arkansas	1.3%	
43 Montana	1.2%	
44 North Dakota	1.0%	
45 Colorado	0.8%	
46 South Dakota	0.8%	
47 Tennessee	0.7%	
48 Iowa	0.2%	
49 Wyoming	0.2%	
50 Nebraska	0.0%	
<b>MEAN:</b>		<b>3.1%</b>
<b>MEDIAN:</b>		<b>2.5%</b>

Puerto Rico 66.3% \*\*\*

\*\* This figure is based on 2006 Personal Income. It is not included in any totals, averages, or median calculations but is provided for comparison purposes only.

## Appendix C: Ratings Definitions

Ratings reflect a credit rating agency's opinion of a state's creditworthiness relative other borrowers in the municipal bond market. Ratings below Baa3/BBB-/BBB- are considered speculative credits ("junk bonds").

The rating agencies also assign "positive," "stable," and "negative" outlooks to their ratings that indicate the direction the rating is likely move in over an intermediate time period. A negative outlook indicates a higher likelihood of a downgrade in the state's credit rating; a positive outlook indicates a higher likelihood of an upgrade in the state's credit rating. The outlooks indicate that there are trends affecting a credit that have not yet reached a level warranting a change in the state's credit rating, but may if the trends continue.

### Moody's Investors Service<sup>40</sup>

- Aaa** This is the highest rating level, which is given to issuers demonstrating the strongest creditworthiness relative to other municipal bond issuers.
- Aa** Very strong creditworthiness.
- A** Above-average creditworthiness.
- Baa** Average creditworthiness.
- Ba** Below average creditworthiness.
- B** Weak creditworthiness.
- Caa** Very weak creditworthiness.
- Ca** Extremely weak creditworthiness.
- C** Weakest creditworthiness.

Moody's also adds the numerical modifiers 1, 2, and 3 to each rating category through Caa. The modifier 1 means that the issuer ranks in the higher end of that category; 2 is a mid-range ranking; and 3 means the issuer ranks in the lower end of the category.

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<sup>40</sup> www.moody's.com (accessed September 10, 2009).

### **Standard and Poor's<sup>41</sup>**

- AAA** Highest credit rating. Issuer has extremely strong capacity to meet its financial commitments.
- AA** Issuer has very strong capacity to meet its financial commitments.
- A** Issuer has strong capacity to meet its financial commitments, but is susceptible to economic events.
- BBB** Issuer has adequate capacity to meet its commitments, which may be reduced by economic events.
- BB** Issuer is facing major ongoing uncertainties and exposure to economic events.
- B** Issuer is currently able to meet its financial commitments, but its capacity to do so may be adversely affected by economic events.
- CCC** Issuer's capacity to meet financial commitments is vulnerable to conditions.
- CC** Issuer is currently highly vulnerable.
- SD/D** Issuer is in default or is expected to default on its financial commitments.

Standard and Poor's modifies its ratings with a plus or minus to distinguish between higher- and lower-ranked credits within each category.

### **Fitch Ratings<sup>42</sup>**

- AAA** Highest credit quality. Indicates the lowest expectation of default risk. Issuer has exceptionally strong capacity to meet its obligations.
- AA** Very high credit quality. Very low expectation of default. Strong capacity to meet obligations.
- A** High credit quality. Low default risk. Strong capacity to meet obligations, but vulnerable to economic conditions.
- BBB** Good credit quality. Low default risk. Adequate capacity to meet obligations, but vulnerable to economic conditions.
- BB** Speculative credit quality. Some default risk.
- B** Highly speculative. Material default risk.
- CCC** Substantial credit risk. Default is real possibility.
- CC** Very high levels of default risk.
- C** Exceptionally high levels of default risk.
- D** In default.

Fitch modifies its ratings with a plus or minus to distinguish between higher- and lower-ranked credits within each category.

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<sup>41</sup> [www.standardandpoors.com](http://www.standardandpoors.com) (accessed September 10, 2009).

<sup>42</sup> [www.fitchratings.com](http://www.fitchratings.com) (accessed September 10, 2009).

